Sectt. II-27—60,004—17-11-48.

Food + Agri (1950 ~~194~~) Department.

M/s SERIES.

G.O. NO. 80

Dated 10.1.50

[Despatch Abstract.]

Agri — Stations — Paddy Breeding station, Mangalore — Extension of — Proposal of the D.A — Approved — Addl. staff — Sanctioned.

Back Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department	Date.
Ms	1965	Dev	19.9.42				
Ms	1134	"	16.6.43				
Ms	2483	"	25.11.42				
Ms	232	"	21.1.47				
Ms	1331	"	14.3.49				
Ms	1555	Dev	9.4.47				

Further Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
Ms	826	F&A	21/5/50				
"	965	F&A	12/5/51				

Dev Dept.

Memo No. 24967 AII/49-1 dt 26.7.49

524/25/3

Sub: Agrl. Stations - Paddy Breeding Station, Mangalore. S. Kanara Dt. Extension of

—

During the recent tour of HM for PH in the S. Kanara district, representations were made to him that the present area of the Paddy Breeding Station, Mangalore is too small and that in view of the increase in demand for seeds of improved strains of paddy in the S. Kanara district the area ~~of the Station~~ should be ~~expanded~~ extended by atleast 40

~~road about the property~~.
or 50 acres. / Shivaganga. The DA is
requested to offer his remarks on
the above suggestion very urgently

RD
23349

{23349

W/M

To DEPR
23349
The DA
IV. 12 15.41

AGRICULTURAL DEPARTMENT

From
K.V. Sundaram, Esq., I.C.S.,
Director of Agriculture,
Ooty.

To
The Secretary to Government,
Development Department,
Madras.

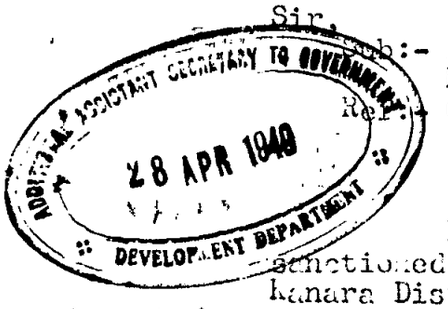
44514 F

No.X.3.506/49 dated 25/4/49.

Sir,

Sub:- Agriculture - Stations - Paddy Breeding Station, Mangalore - Extension of .

Ref:- Govt.Memo.No.24967AII/49-1 dated 25-3-49.



In G.O.Ms.1965 Development dated 19-9-42, the Government sanctioned the starting of a Paddy Breeding Station in South Kanara District and in G.O.Ms.1134 Development dated 16-6-43, they sanctioned the acquisition of 25.25 acres of land for the station at Mangalore. The Station was opened in 1944 and regular breeding work was started from 1945-46 season. The objects of the Station are:-

(1) Introduction of pure and uniform maturing strains of paddy into the tract.

(2) Breeding and isolation of suitable high yielding strains with maximum desirable characters.

(3) Increasing supply of seeds of the few strains suitable to the tract and thus obviate supply from outside.

(4) Undertaking agronomic experiments.

During the four seasons during which the Station has worked, breeding work in the more important local varieties has been undertaken and the cultures isolated in five varieties have undergone their first year's yield trial. Among the introduced strains, PTB.9 and GEB.24, Co.14 and PTB.19 for the second crop and KHASIPICHODI for the third crop are found to be in great demand both from the ryots and the primary seed farms. Under the comprehensive scheme of seed multiplication, the target fixed for primary seed farms in South Kanara District is 1500 acres for 1949-50 and 4000 acres for 1950-51. During 1950-51 two lakhs of pounds of paddy seed have to be produced at the Paddy Breeding Station, Mangalore in order to attain the above target but with the area now available only 30,000 lbs.of good seed can be produced. The deficit of 1.7 lakhs of pounds can be made up if an area of 60 acres is added to the Station.

14 for the first crop, PTB 4, Co 3

2.In view of the limitations of space, only a few agronomic experiments of an exploratory character could be undertaken. The manurial and cultural problems that await solution can be tackled only if additional area is secured. In addition to problems on paddy, work in a small way has also been undertaken on other crops like plantains, fruit trees, Sea Island cotton, Sweet Potatoes, Pulses, green manure crops and jute. But the proper conduct of these trials awaits additional area. I consider that a stage has now been reached when it has become very essential to expand the area of the Paddy Breeding Station, Mangalore. If this is done all the paddy seed multiplication work for supply to Primary seed farms, and all items of research with paddy and the other crops referred to above can be efficiently undertaken simultaneously in order to secure results in the shortest time. An addition of about 60 acres to the Station will be the minimum area that will be required both in the interests of the food production drive and also as a long range measure to improve the agriculture of the tract.

p.t.o.

3. I request Government to generally approve the above suggestion. After orders are received I shall submit detailed proposals with the full financial implications of the proposals.

(Sd) R.M. Sundaram,
Director of Agriculture.

/true copy/forwarded/by order/-

M.T.27/4/49.

P.P
27/4/49.

Gazetted Assistant.

Dev Deptt.

Memo No 24967 AII/49-1 DA 19/5/49

Sub: Agro-Stations - Paddy Breeding Station, Mangalore - Extension,

Ref: From the DA Lr No X3 506/49 DA 25.4.49

The DA is requested to furnish the full financial implications of the proposal very urgently. The need for the several items of expenditure connected with the scheme should be explained clearly and receipts, if any, should also be specified. In case the proposal involves the employment of additional staff, the need for such

P.T.

Simply Showed also the guns lifted in detail

16-5-29

To
The DAILY

BUDGET

T.M.

~~Memo No. 24967 Agl/46 dt~~

To

The D.A.

Sub:- Agri- Stations — Paddy Breeding Station, Mangalore — Extension

Ref:- Govt. Memo. No. 24967 Agl/46-2 dt 19.5.46.

~~The D.A is requested to~~

Please state urgently when your reply to the memo cited may be expected. It may kindly be ~~14/6/46~~ expedited.

14/6/46

P.C. to go.
No. 24/6/46.

Office which was not consulted in the matter. Explain

AGRICULTURAL DEPARTMENT.

From

R.F. Sundaram, Esq., I.C.S.,
Director of Agriculture,
Chepauk, Madras.

To

The Secretary to Government,
Development Department,
Madras.

No.X.3. 506/49 dated 11-6-49.

63298

ADDITIONAL SECRETARY TO GOVERNMENT
10 JUN 1949
DEVELOPMENT DEPARTMENT

Sir,

Sub:- Agriculture - Stations - Paddy Breeding Station, Mangalore - Extension -

Ref:- Government Memorandum 24967 A.II/49-2, dated 19-5-49.

With nearly six lakhs of acres under paddy annually, yielding in normal seasons 2.6 lakhs of tons of rice, South Kanara is eighth in rank among the rice producing districts of the Province. The special feature of the district is the dominance of rice among the crops grown in the district occupying 80% of the cultivated area thus showing that rice crop takes a predominant place in the economic well being of the South Kanara cultivators. In South Kanara rice is cultivated under diverse systems of cropping i.e. from the hill slopes down to the bottom of valleys subject to in-undations of four feet of water. The soils of the district range from sandy to deep clays and laterite red loams.

2. The objects with which the existing Paddy Breeding Station at Mangalore was started and its achievements are furnished briefly in my letter X-3-506/49 dated 25-4-49. It has been stated in that letter that the present area of the Station is not enough to tackle the various cultural and agronomic problems awaiting solution in that tract and for supplying pedigree seed for the primary seed farms to be run in South Kanara District, under the Comprehensive Scheme of seed multiplication. For work on "BETTU" or the single crop land (Wet-III) which forms about 50% of the total rice area of the district, only 3.58 acres are available in the existing station. There is no dry area to tackle the problems of "KUMERI" cultivation work for about 20,000 acres of "PETLA" lands which get submerged during the first crop season has also to ~~be taken on hand~~.

3. Breeding work has also to be enlarged so as to include the following items.-

(a) Evolution of a Mascathy type for Bettu areas.

(b) Production of a non-lodging Kayama type.

(c) Evolution of a Co.3 type of strain which does not deteriorate by germination during storage (Co.3 is a popular strain during the second crop season).

(d) Evolution of suitable high yielding Kumeri types of paddy, and

(e) Selection work in popular varieties for which work has yet to be started.

4. The cultivation practice of the tract has certain peculiarities which require to be investigated, e.g., the system of broadcasting the second crop areas, the efficiency of early and late nurseries for the first crop, broadcasting in the "Bettu" if season is late, etc. Work on the manurial aspects of the tract with its heavy rainfall resulting in denudation in different types of paddy cultivation has to be taken up. Special emphasis and attention has to be bestowed due to the acidic nature of the soils of lateritic ori Work on other important crops of the district such as Sweet potato, sugarcane, plantains and pulses which are rotated with paddy has also to be taken up.

p.t.o.

5. For the above reasons it is necessary to enlarge the area of the Paddy Breeding Station, Mangalore: I propose that an additional area of 53.51 acres as shown below be acquired for the purpose.

Wet I	...	15.38 acres	(double crop area).
" II	...	5.10 "	(" -do- ").
" III	...	14.05 "	(single crop area).
Garden	...	4.53 "	(bagayats or house compounds).
Dry	...	14.45 "	(Kumeri).
T o t a l..		53.51 "	

Necessary area is available adjoining the existing farm. A plan showing the existing area of the farm and the area proposed to be acquired is enclosed. In Annexure I, the particulars of Survey numbers, Taram, Assessment area of each survey number and the name of the Registered holder are given. In Annexure II the classification of the area proposed for acquisition, into dry, garden, Wet I etc is furnished. If the area is acquired, it would form a compact block with well defined boundaries. It includes a channel with its source for exclusive use of the station. There is a good Circular well of about 18 feet diameter with the same depth, and this would be very useful for developing work on garden crops. A few bagayats (house compounds) containing some huts and tiled buildings have necessarily to be acquired since they lie in the different portions of the proposed extension as is common in the tract.

6. In Annexure III, the cost of acquisition including cost of lands 15% solatium and compensation for the value of trees and other appurtenances is given. The cost of acquisition is estimated at Rs.1,27,000, but the actual expenditure will depend on the land Acquisition Award passed by the Revenue Department.

7. I am furnishing in Annexure IV, an estimate of other non-recurring expenditure. The provision for fencing, seed store, cattle shed, threshing floors etc made under non-residential buildings is required to supply the needs of the additional area for protecting the crops and for dealing with the valuable seed material stage after stage. Only one residential quarters for one Assistant who has to be on the spot and to attend to work at odd hours has been provided. The estimates under "Other equipment" are also the minimum requirements consistent with the needs of the additional area.

8. In Annexure V, the estimate of additional recurring expenditure is given. The present staff at the Station and the proposed additional staff are tabulated below:-

Designation.	Existing Staff.	Additional Staff.	T o t a l.
Gazetted Officer.	---	1	1
Assistants.	2	2	4
Fieldmen.	3	1	4
Clerk for farm.	1	---	1
Store Clerk.	---	1	1
Typist.	---	1	1
Peons.	1	2	3

In view of the large area involved, and the large volume of scientific work to be handled, I consider that the enlarged station should be placed in charge of a Gazetted Assistant Paddy Specialist so that effective supervision and guidance in the day to day management are ensured. The work proposed to be allotted to the remaining executive staff is as follows:-

One Assistant and one fieldman - Farm Management including charge of labour, bulk crops, seed produce, other stores, cash and cash transactions.

One Assistant and one fieldman	-	Breeding programme of first and third crops of paddy.
One Assistant and one fieldman	-	Second crop of paddy and other crops.
One Assistant and one fieldman	-	Agronomic experiments, seed production, maintenance of nucleus seed of improved rice strains.

I submit that the provision made in Annexure V for additional gazetted and subordinate staff and for expenditure under "Working Expenses" is the minimum and I request Government to sanction the expenditure.

9. An estimate of receipts is given in Appendix VI.

(SD)R.M.SUNDARAM,
DIRECTOR OF AGRICULTURE.

True Copy/Forwarded/By Order

1/10 — Gazetted Assistant.

HGT.13-6-49.

ANNEXURE - I.

Details of the area proposed for extension of Paddy Breeding Station, Mangalore, S. Kanara Dt.

363B Jappinmogra Village--Mangalore Tk -- S. Kanara Dt.

Sl. No.	Sub-Div. No.	Wet, I, II or III, dry etc.	Single or double crop.	Class of Soil.	Taram.	Rate of assessment per acre.	Area.	Assessment.	Patta No.	Name of Registered holder.
9	1- A	Dry		8.1	5	0-12-00	4.53	3- 6-0	13	M. Ragunath Naika.
	2-	Wet III	1	8.5	8	2- 4-0	0.22	0- 8-0	13	-do-
	3- A	Garden		7.3	4	5-10-0	0.55	3- 1-0	13	-do-
	5	Wet III	1	8.5	8	2- 4-0	0.70	1- 9-0	13	-do-
	6	Poromboke					0.28			Drain (Thodu)
	7	Wet III	1	8.5	8	2- 4-0	3.45	7-12-0	13	M. Ragunath Naika.
	8- A	Wet II	1	8.2	4	5-10-0	0.84	4-12-0		-do-
	9	Dry		8.3	4	1- 0-0	0.32	0- 5-0		-do-
	10	Garden		7.4	7	2- 4-0	0.12	0- 4-0		-do-
	11	Dry		7.4	4	1- 0-0	0.14	0- 2-0		-do-
	12	Poromboke					0.05			Drain (Thodu).
10	2--A	Wet II	1	7.2	3	6-12-0	0.56	3-13-0	13	M. Ragunath Naika.
	2- B	Wet II	1	7.2	3	6-12-0	0.58	3-15-0	116	J.M.S. Britto.
	3	Wet III	1	7.3	5	4- 8-0	0.41	1-14-0	65	Fr. Muller's Institute, Kankanady.
	4	Poromboke					0.18			Drain (Thodu).
	5	Poromboke					0.17			-do-
12	1	Garden		7.3	4	5-10-0	0.75	4- 4-0	30	Laximinarasimha Devaru.
	2- A	Wet III	1	7.3	5	4- 8-0	0.81	3-10-0	116	J.M.S. Britto.
	2- B	Wet III	1	7.3	5	4- 8-0	1.68	7- 9-0	13	M. Ragunath Naika.
	3	Wet III	1	7.3	5	4- 8-0	0.28	1- 4-0	30	Laximinarasimha Devaru.
	4	Garden		7.3	4	5-10-0	0.23	1- 5-0		-do-
	5	Poromboke					0.08			Drain (Thodu).
	6	Wet I	2	7.2	2	9-14-0	1.81	17-14-0	30	Laximinarasimha Devaru.
	7	Dry		7.4	4	1- 0-0	2.86	2-14-0		-do-
	8	Wet II	2	7.2	3	8- 7-0	0.79	6-11-0		-do-
	9	Garden		7.2	6	6-12-0	0.44	3- 0-0		-do-
	10	Wet III	1	7.3	5	4- 8-0	2.30	10- 6-0		-do-
	11	Poromboke					0.15			Drain (Thodu).
	12	Poromboke					0.08			-do-
	13	Poromboke					0.22			-do-
	14	Garden		7.2	6	3- 6-0	1.00	3- 6-0	30	Laximinarasimha Devaru.

p.t.o.

Sl. No.	Sub-Div. No.	Wet, I, II or III, dry etc.	Single or double crop.	Class of Soil.	Taram.	Rate of assessment per acre.	Area.	Assessment.	Patta No.	Name of Registered holder.
	15	Garden		7.3	5	4- 8-0	0.50	2- 4-0		Laximinarasimha Devaru.
15	12- B.	Wet III	1	8.3	6	3- 6-0	1.01	3- 7-0	146	J.M.S. Britto.
	13	Wet III	1	8.2	6	3- 6-0	0.15	0- 8-0		-do-
16	1	Garden		7.3	4	5-10-0	0.19	1- 1-0	40	J.M. Mathias.
	3	Wet III	1	8.3	6	3- 6-0	0.25	0-14-0	67	Juan Mascarenhas.
	4	Wet III	1	8.3	6	3- 6-0	0.15	0- 8-0	37	Devil Mudithaya.
	5	Garden		8.3	6	6-12-0	0.10	0-11-0	67	Juan Mascarenhas.
	6	Wet III	1	8.3	6	3- 6-0	0.10	0- 5-0	37	Devil Mundithaya.
	7	Wet III	1	8.3	6	3- 6-0	0.64	2- 3-0	67	Juan Mascarenhas.
	8	Wet II	1	7.1	2	7-14-0	0.94	7- 6-0	66	Juan Manuel Mascarenhas.
	9	Wet II	2	8.1	2	9-14-0	0.09	0-14-0	37	Devil Mundithaya.
	10	Garden		8.2	2	7-14-0	0.05	0- 6-0	67	Juan Mascarenhas.
	11	Wet I	2	8.1	2	9-14-0	0.06	0-10-0	40	J.M. Mathias.
	12-part	Wet III	1	7.3	5	4- 8-0	1.75	7-14-0	40	-do-
	14	Wet I	2	8.2	3	8- 7-0	0.81	6-13-0	40	-do-
	16	Wet III	1	7.3	4	5-10-0	0.35	2- 0-0	40	-do-
	17	Garden		8.3	3	6-12-0	0.10	0-11-0	40	-do-
	18	Wet III	1	8.3	6	3- 6-0	0.15	0- 8-0	40	-do-
	20	Garden		8.3	3	6-12-0	0.37	2- 8-0	37	Devil Mundithaya.
	21	Garden		8.3	4	5-10-0	0.13	0-12-0	67	Juan Mascarenhas.
18	4	Wet I	2	8.1	2	9-14-0	3.80	37- 8-0	134	(1)Mundi (2)Subbu (3)Parameshwa
19	1	Wet I	2	8.1	2	9-14-0	1.03	10- 3-0		-- do -- Iri
	2	Wet I	2	8.1	2	9-14-0	0.62	6 - 2-0	37	Devil Mundithaya.
	3	Wet I	2	8.1	2	9-14-0	0.95	9- 6-0	40	J.M. Mathias.
	4	Wet I	2	8.1	2	9-14-0	0.80	7-14-0	65	Fr.Muller's Institute, Kankanady
	5	Wet I	2	8.1	2	9-14-0	0.73	7- 3-0	18	Salvadore Mascarenhas.
	6	Wet I	2	8.1	2	9-14-0	0.77	7-10-0	40	J.M. Mathias.
20	1	Wet I	2	7.1	1	11- 4-0	1.22	13-12-0	67	Juan Mascarenhas.
	2	Wet I	2	8.1	2	9-14-0	0.30	2-15-0		-do-
	3	Wet I	2	8.1	2	9-14-0	0.32	3- 3-0	37	Devil Mundithaya.
	4	Wet I	2	8.1	2	9-14-0	0.25	2- 8-0	67	Juan Mascarenhas.
	5	Wet I	2	8.1	2	9-14-0	0.74	7- 5-0		-do-
	6	Wet II	1	8.1	2	7-14-0	1.04	8- 3-0		-do-
	7	Wet I	2	7.1	2	11- 4-0	0.54	6- 1-0		-do-
23	1	Wet I	2	7.2	2	9-14-0	0.54	5- 5-0	96	K. Ananda Rao & Subba Rao.
97	1	Dry		8.4	5	0-12-0	6.60	4-15-0	30	Laximinarasimha Devaru.

ANNEXURE - II.

Classification of Land proposed for Extension of the Paddy Breeding Station, Mangalore.

85-B Jappinmogru Village - Mangalore Taluk, South Kanara Dt.

DRY.		GARDEN.		WET - I.		WET - II.		WET - III.	
Survey Nos.	Area.	Survey Nos.	Area.	Survey Nos.	Area.	Survey Nos.	Area.	Survey Nos.	Area.
9 - 1 A	4.53	9 - 3 A	0.55	12 - 6	1.81	9 - 8 A	0.84	9 - 2	0.22
- 9	0.32	12 - 1	0.75	16 - 9	0.09	10 - 2 A	0.56	9 - 5	0.70
-11	0.14	12 - 4	0.23	16 -11	0.06	2 B	0.58	10 - 3	0.41
12 - 7	2.86	12 - 9	0.44	16 -14	0.81	12 - 8	0.79	12 - 2 A	0.81
97 - 1	6.60	12 -14	1.00	18 - 4	3.80	16 - 8	0.94	12 - 2 B	1.68
		-15	0.50	19 - 1	1.03	20 - 6	1.04	12 - 3	0.28
		16 -10	0.05	19 - 2	0.62	16 -16	0.35	12 -10	2.30
		16 - 1	0.19	19 - 3	0.95			15 -13	0.15
		16 - 5	0.10	19 - 4	0.80			-12 B	1.01
		16-17	0.10	19 - 5	0.73			16 - 3	0.25
		16-20	0.37	19 - 6	0.77			4	0.15
		16-21	0.13	20 - 1	1.22			6	0.10
		9 -10	0.12	2	0.30			[redacted]	0.64
				3	0.32			12 (Part)	1.75
				4	0.25			18	0.15
				5	0.74			9 - 7	3.45
				7	0.54				
				23 - 1	0.54				
Total.	14.45		4.53		15.38	[redacted]	5.0		14.05

Grand Total = 53.51

ANNEXURE III.

(a) Value of land :-

Dry	- 14.45 acres	@ 750/-	per acre	--	10,838
Garden	- 4.53 "	750/-	"	--	3,398
Wet-I	- 15.38 "	3000/-	"	--	46,140
	5.10 "	2500/-	"	--	12,750
	14.05 "	3000/-	"	--	28,100
					1,01,226
	Add 15% Solatium				15,184
					1,16,410 or 1,16,500

(b) Compensation for structures, trees etc:-

One revetted well in 9/7	---	--	2,000
One tiled building in 9/7	---	--	1,500
-do- 12/1	---	--	1,000
One thatched house in 12/1	---	--	200
-do- 12/6	---	--	200
-do- 12/4	---	--	200
-do- 12/14	---	--	200
One tiled building in 12/15	---	--	500
-do- 16/6	---	--	800
One field devil's shrine in 16/6	---	--	300
One thatched house with cattle shed in 16/18		--	300
One thatched house in 16/21	---	--	200
One thatched house with cattle shed in 16/1		--	300
Compensation for trees in 12 compounds.		---	2,800
			10,500
Grand Total.		...	1,27,000

ANNEXURE IV.

Buildings:-

Non-residential -

Fencing only in portions liable for trespass.		--	5,000
Seed store.	---	--	14,000
Cattle shed.	---	--	4,000
Threshing floors (2 big & 2 small).	---	--	5,000
Field laboratory.	---	--	8,000
Implement shed and cart stand.	---	--	4,000
			40,000

Residential:-

Quarters for one Assistant.	---	--	12,000

Other Equipment:-

Live stocks - 10 pairs at 600/-	---	--	6,000
Dead stock including 2 carts & weighing machine etc.			4,000
Additional oil engine.	---	--	5,000
Additional furniture.	---	--	1,000
Apparatus including microscope & Meterological instruments.			4,000
			20,000
Grand Total.		...	Rs.72,000

ANNEXURE V.

Additional Recurring expenditure:-

Pay and Allowances:-

1. Assistant Paddy Specialist	230-30/2-260-40/2-500-50/2-700		
	Average pay 449.3.½		
	Dearness Allowance 70.0.½ x 12 ...		6,231.6
2. Two Assistants.	100-5-140-10-220.		
	Average pay.165.3.½ x 12		
	Dearness Allowance 37.0.½ x 2 ...		4,855.2
3. One Fieldman.	45-2-55-1-60.		
	Average pay 54.2.½		
	Dearness Allowance.22.0.½ x 12 ...		,914.4
4. One Store Clerk.	45-3-60-2-90.		
	Average pay 67.5.½		
	Dearness Allowance.24.0.½ x 12 ...		1,098.0
5. One Typist.	45-3-60-2-90.		
	Average pay 67.5.½		
	Dearness Allowance.24.0.½ x 12 ...		1,218.0
	Special Pay. 10.0.½		
6. Two Peons.	18-½(A)-25.		
	Average Pay. 20.7.½ x 12		
	Dearness Allowance.19.0.½ x 2 ...		952.8
			15,270.0
			or
			15,300/-
Travelling Allowance:-			1,000
Other compensatory allowance - i.e.- house rent allowance etc.		--	600
	Grand Total.	--	16,900

Working Expenses:-

Repairs and upkeep.	---	--	3,000
Maintenance of cattle.	---	--	5,000
Cooly labour.	---	--	15,000
Miscellaneous cultivation expenses.	--	--	3,000
Other miscellaneous charges.	---	--	4,000
Dearness Allowance to 10 additional coolies and 2 maistries and one engine driver.	--	--	3,000
			33,000

ANNEXURE VI.

Estimated receipts by sale or transfer of seeds and other Farm Produce.

14.45	acres	of dry land	@ Rs.100 per acre per year.	--	1,445
4.53	"	of garden land	@ Rs.150 "	--	680
15.38	"	of Wet I land	@ Rs.200 "	--	3,076
5.10	"	of Wet II land	@ Rs.200 "	--	1,020
14.05	"	of Wet III land	@ Rs.300 "	--	4,215
					10,436
					or
					10,500

-/ True Copy /- D. Varadachari

for DIRECTOR OF [illegible]

[illegible].13-6-40.

Some advance

Ford Dept

25.7.49 Memo No. 24967 (A4)/K/49 - 5 dt 25-7-49

7/167

Subs:- Agri- Stations - Paddy Breeding station, Mangalore - Extension of.

Refce:- From the D.A. No. X.3.506/49 dt 11.6.49

—

In the letter cited, the D.A. has proposed the appointment of an ~~addl~~ Asstt. Paddy Specialist for the Paddy Breeding Station, Mangalore. While it may be argued that it would be desirable to have a Gazetted Asstt. to be in charge of the station, it does not appear that there is absolute necessity for the post. As regards subordinate staff, ~~while~~ as there is already a clerk at the station, there does not seem to be any necessity for an addl. store-clerk. It is also not necessary to have a typist solely for this scheme. The question of appointing an addl. store-clerk and/or a typist may perhaps be considered later if the volume of work justifies their employment. The two addl. posts proposed need not also be appointed.

2. Under 'working expenses', a total provision of Rs. 33,000/- per annum has been made by the DA. For the existing ~~breeding~~ station, the working expenses is about Rs. 5,400/- Vide G.O. No. Ms. 1965, Dev., dt 19.9.42. On this basis, the probable requirements of the enlarged farm would be Rs. 16,200/-. While it is a fact that the cost of labour, fodder etc. have increased, a provision of Rs. 33,000/- seems to be rather over-pitched, e.g., the provision of

Rs 15000/- towards cooly labour can possibly be reduced to say Rs. 10,000/- The other items also seem susceptible of reduction.

2. From annexure III (b) of the letter cited, it is observed that there are some tiled buildings, thatched houses and cattle sheds on the lands proposed to be acquired. How far these existing structures with suitable alteration can be utilised at least as cattle shed, threshing floors, implements shed, cart-stand etc. should be examined and the provision ~~of~~ for these items reduced, if possible. A provision of Rs. 14,000/- has been included in the DA for a seed store, the estimate for which seems rather excessive. The provision ~~of~~ for buildings should be reduced to the barest minimum requirements having regard to the high cost of labour and materials and the present need for utmost economy.

4. There is a provision of Rs. 4000/- included in the DA for 2 carts, weighing machine etc. There is already a weighing bridge at the station vide the D.A. letter No. D. 63/42 dt 20.5.42 ~~No. 1965, dtd~~ 19.5.42. It is therefore not clear why an addl. weighing machine has been provided for. The provision of Rs. 1,000/- for furniture also should be reduced at least by half the amount. Rs. 4000/- has been provided for apparatus including microscope and meteorological instruments. The addl. provision for apparatus & instruments requires ~~explanation~~ justification. Perhaps this item can altogether be omitted in view of the suggestion in para 1 above viz to have a Gazetted Officer for the Station ~~in charge~~ has been.

5. It is suggested that the proposals

do not seem to be urgent enough for introduction in the current year and may be brought forward as a Part II Scheme for 1950-51.

6. ~~In view of the great~~ ~~interest of food~~ production drive & also as a long range measure to improve the agriculture of the tracts, it has also been suggested that a grant may be claimed from the Govt. of India for this proposal

7. The D. A. is requested to offer his remarks on the above suggestions. He is requested to examine as to how far the provision under all items can be reduced further to the minimum requirements & also submit a revised estimate of cost of the scheme. An urgent reply is required

In view of the controversial scheme is expected to make to the for

dtpd 26/7/49

The D. A

NR 15 days

21.7.49

23/7

T. M.

To

The D. A.

Sub:— Agri — Stations — Paddy Breeding Station, Mangalore — Extension of.

Ref:— Govt. Memo. No. 24967 K/45-5 dt 25-7-48

Please expedite your reply to the memo cited.

16.8.48

D.C. to go

N.R. 27.8.48

Office of the Director of Agriculture,
P.B. No. 412, Madras - 5,
Dated the 25th August, 1949.

No. X. 3. 506/49.

Post copy of Telephonic Message.

35908

From the Director of Agriculture, Madras.
To the Assistant Secretary to Government, Food and Agricultural Department, Fort St. George.

ASSISTANT SECRETARY TO GOVT. 26 AUG 1949 FOOD DEPARTMENT

Sub: AGRICULTURAL RESEARCH STATION - Paddy Breeding Station, Mangalore - Extension of.

Ref: Government Memo. 24967.K/49-5, dated 25.7.49 and telephonic message dated 19.8.49.

....

I have called for the remarks of the Paddy Specialist and they are awaited. My reply will be sent as soon as it is received.

C.R. Srinivasa Ayyangar,
for Director of Agriculture.

Food I Agri dept

N.R. 12/7/49

True copy / Forwarded / By order.

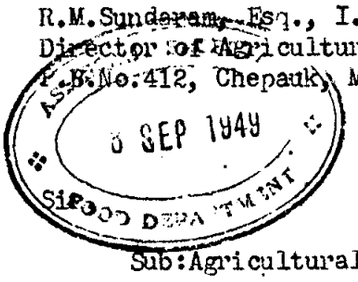
ANRaj.25.8.49.1.

Gazetted Assistant.

AGRICULTURAL DEPARTMENT

From
R.M.Sunderam, Esq., I.C.S.,
Director of Agriculture,
P.B.No.412, Chepauk, Madras.

To
The Secretary to Government
Food and Agriculture Department
Fort St. George, Madras.



No.X.3.506/49 dated 29th August 1949.

Sub:Agricultural Research Stations - Paddy Breeding Station Mangalore - extension.

Ref: Government Memo. No.24967-K/49-5 (Food Department) dated 25-7-1949.

As already reported in my letter No.X.3.506/49 dated 25-4-49, the paddy Breeding Station comprises of 25.25 acres of land and with the addition of 53.51 acres, the total area will come to 78.76 acres. The Breeding problems on paddy of the tract require intensive work in this station. It had been the general experience of this Department that, irrespective of the quantity of work, the tone of the work turned out in the Research Station incharge of non-gazetted officers is far below the work turned out at the Agricultural Research Stations incharge of a gazetted officer. Some of the Agricultural Research Stations were recently placed under the control of the Gazetted Officers. For the efficient working of the station and for implementing in full the programme of work chalked out for the benefit of the cultivators, the station with a total area of 78.76 acres should naturally be under the control of a gazetted officer only. Further, if this station is extended, there will be a total recurring contingent expenditure of Rs.50,000/- A large number of Assistants will also be working in this station as already proposed. In the Course of investigations on the problems of a tract fresh situations may arise and these will certainly require the special attention of a gazetted officer. Therefore, for the day-to-day administration, such as technical, financial and organisational matters, the presence of a responsible and experienced gazetted officer, who can put in a certain amount of entusiasm and earnestness in the condut of the work at this station, is very essential.

2. It is true that there is only a lower Division clerk at the paddy Breeding Station, Mangalore. When the station expands in its activities, the routine work will also increase correspondingly; the contingent expenditure will also increase considerably. Therefore, the present Lower Division Clerk will not be able to attend to any other item of work excepting the accounts work and other day-to-day correspondences. The Store clerk proposed will be incharge of all the stores and produce to be obtained from the entire area of 78.76 acres of paddy, a good portion of which two crops will be taken. If the store clerk is appointed for this work, the technical assistants could be relieved of the routine items of the stores and they will be able to devote their full attention to the field work. The appointment of the store clerk is, therefore, necessar and this cannot be deferred or postponed.

3. A typist will be necessary for the station and he will be incharge of fair copying and despatch records, stationery,printing form and other scriptory work.

4. The two peons, in addition to the existing one peon are also necessary, one for the gazetted officer and the other two for the office work with a staff of 4 assistants 4 fieldmen, one clerk, one store clerk and one typist. One of the peons will be constantly on treasury work which is 3 miles away from the station.

5. Working expenses. At the time of submitting the proposals for the present station in the year 1942, the working expenses of the farm was estimated at Rs.5,400 Due to the increase in the cost of cultivation and other commodities, the amount provide for was found very inadequate. Therefore, this has been increased subsequently in my budget estimates. For the year 1948-49, a sum of Rs.12,500/- has been provided under working expenses. Considering this and taking into account the present cost of living, the sum of Rs.30,000 provided for in the Revised Estimate is not very high.

p.t.o.

6. As indicated in para 3 of the Government Memorandum cited, it is proposed to make use of those buildings which could be used with slight modifications as farm or residential buildings. But most of them are very temporary and thatched and may have to be demolished. However, this will be done with the minimum expenditure as shown in the annexure.

7. The seed store proposed at a total cost of Rs.14,000 is intended for storing the farm produce of the additional area of 55 acres. This amount has been estimated only after taking into consideration the present cost of construction round about the locality. As the seed store building has to be damp proof and pucca, it is necessary to have a good store built for the station. If the cost is reduced, there will not be sufficient accomodation to store all the produce.

8. Weigning machine. The second seed store will be built up in the new area so that it may be centrally situated for the convenience and economic transport of the farm produce. It is therefore essential to have a weighing machine for each seed store as otherwise a lot of labour will have to be wasted in transporting the seed to the place where there is weigning machine at different stages of drying and storing. It is also very not advisible to move the machine frequently from one place to another. The sensitiveness of the machine will be affected by frequent dismantling and movement. The new machine is, therefore, necessary for the station.

As suggested by the Government, the expenditure on furniture has been reduced to Rs.500/- Originally a sum of Rs.4,000/- has been provided for under apparatus and materials, Rs.2,500/- being the cost of meteorological instruements and Rs.1,500/- for microscope. In the light of the Government's suggestion, the cost of microscope has been deleted and only a sum of Rs.2,500/- has been provided.

I do not agree with the view of the Government that the proposals are not urgent enough for introduction in the current year. The extension of the station is necessary in the current year itself, in the interest of Grow More Food campaign and any further delay caused in implementing the above will naturally postpone the anticipated results.

Item IV of the Definition and Classification of the Grow More Food (Miscelaneous) Schemes, (as communicated in G.O.No.6231 Dev. dated 16-12-1948) envisages that schemes that are for taking measures for increasing the yield of food crops are also eligible for the subsidy from the Government of India. The object of the extension of the present scheme is the evolution and multiplication of paddy and other selection work in popular varieties in that tract. The evolution of new strains will naturally result in increased production in due course. However, according to item V (c) of the Government of India's letter dated 3-12-48, schemes do not yield results by 1951-52, atleast in part, are not eligible for central assistance. It is not possible to expect a Research scheme to give results immediately, even though better results are anticipated in the long run. I, therefore, consider that this scheme will not be eiligible for any financial assistance from the Government of India.

I am enclosing herewith an annexure with necessary modifications. I have made reductions in expenditure wherever possible.

Sd. R.M.Sundaram,
for Director of Agriculture.

True copy/Forwarded/By order

Gazetted ~~PERSONAL~~ ASSISTANT.

TK.2.9.

Annexure IV (Revised)

NON-RECURRING.

Buildings - Non - residential.

Fencing (only in portions liable for trespass)	...	5000
Seed store	...	14000
Cattle shed.	...	2000
Threshing floors (2 big and 2 small)	...	4000
Field laboratory	...	8000
Implement shed and cart stand	...	3000
Total Rs.	...	36000

Residential.

Quarters for one Assistant	...	12000

Other Equipment

Live stocks - 10 pairs at Rs.500/-	...	5000
Dead stock including 2 carts and weight machine etc.	...	3000
Additional oil engine	...	5000
Additional furniture	...	500
Apparatus including Meteorological instruments.	...	2500
Total Rs.	...	16000

Annexure V - Working Expenses (Revised)

Working Expenses.

Repairs and upkeep	...	3000
Maintenance of cattle	...	5000
Cooly labour	...	12000
Miscellaneous cultivation expenses	...	3000
Other miscellaneous charges	...	4000
Dearness allowance to 10 additional coolies and 2 maistries and one engine driver	...	3000
Total	Rs...	30000

for Director of Agriculture.

TK.2.9.

80/2.9

Time today.
3.11.49

F & A Dept.
33

'Special' Memo No. 24967 K/45-9 dt 3.11.49

Sub:- Agri- Station - Paddy Breeding Station, Mangalore- Extension of

Ref:- From the D.A. X.3. 506/45 dt 29.8.1949.

It is understood that when the Hon'ble Premier & H.M (Agri) visited the Paddy Breeding Station, Mangalore the Paddy Specialist was instructed to send a revised scheme for the proposed extension of the station, cutting down expenditure as far as possible. The D.A. is accordingly requested to obtain a revised cost of the scheme & forward it

Z 36

it to Govt. very ~~urgently~~ urgently

3.11.49.

3.11.49

3/11/49

To

The D.A.

N.A. 17.11.49.

3/11/49

C.No.52226 K/49
7.11.49.

Agricultural Department

From
Sri R.L.Sundaram, I.C.S.,
Director of Agriculture
Chepauk, Madras.

To
The Secretary to Government,
Food and Agri. Department,
Fort St. George, Madras.

X.3.506/49 dated 3/11/49

Sir,

Sub: Agrl. Research Station - Paddy Breeding station - Manglore - extension of area - Revised proposals submitted.
Ref: i) My letter X.3.506/49 dated 11/6/49.
ii) Govt. Memo.24967 K/49-5 dated 25/7/49.
iii) My letter X.3.506/49 dated 29/8/49.

In my references cited above, proposals for the extension of the area of Paddy Breeding Station, Mangalore by 53.51 acres were submitted to Government. In accordance with the instructions of the Hon. Premier and the Hon. Minister for Agriculture, I am sending herewith revised proposals for the extension of the area of the Paddy Breeding Station, Mangalore by 24.14 acres over.

2. The minimum area comprising all types of land, required for immediate, work has now been selected. The area now selected will enable the Department to tackle more pressing problems of the tract. If additional area is required at a later date, they can be taken on lease or acquired. There are one or two house sites in the area proposed for acquisition. The rest of the lands are purely cultivated lands. I therefore, request that necessary orders may please be issued for acquiring the lands before March 1950, so that the lands will be ready for cultivation in the first crop season.

3. As already pointed out in my letter X.3.506/49 dated 29/8/49, it is necessary to place this station under the control of a Gazetted Officer. The additional staff required is one Asst. Paddy Specialist, one Assistant, one Store clerk, and one peon only instead of 2 Assistants, 1 fieldman, 1 store clerk one typist and two peons suggested in my original proposals.

4. The revised proposals will cost a sum of Rs.66,000/- under non-recurring and Rs.23,850/- under recurring, with an estimated receipt of Rs.4,500/- per annum as shown in statement No.III enclosed.

5. The details regarding S.Nos. owners etc. of the lands and financial implications of the proposals are appended. A sketch plan of the station and the lands proposed for acquisition is enclosed.

6. I request that the revised proposals may kindly be approved and sanction accorded for the acquisition of lands and appointment of the additional staff.

L.Kantiraj,
For Director of Agriculture.

True copy/Forwarded/By order

Gazetted Assistant 4/11

rs.4/11

DA
4/11

S t a t e m e n t - I

Details of the area proposed for extension of the paddy Breeding Station, Mangalore, South Kanara District.

85-B Jappinmogra village, Mangalore Tk. - S.Kanara Dt.

Sl. No.	Sub. Div. No.	Wet I, II or III, dry, etc.	Single or double crop	Class of soil	Taram	Rate of assessment per acre	Area	Assessment	Patta No.	Name of Register holder
9	1-A	Dry		8.1	5	0-12-0	4.53	3--6-0	13	M.Ragunatha Naicka
	2	Wet III	1	8.5	8	2--4-0	0.22	0--8-0	13	do.
	3-A	Garden		7.3	4	5-10-0	0.55	3--1-0	13	do.
	5	Wet III	1	8.5	8	2--4-0	0.70	1--9-0	13	do.
	7	Wet III	1	8.5	8	2--4-0	3.45	2--4-0	13	do.
	8-A	Wet II	1	8.2	4	5-10-0	0.84	4-12-0		do.
	9	Dry		8.3	4	1--0-0	0.32	0--5-0		
	10	Garden		7.4	7	2--4-0	0.12	0--4-0		do.
	11	Dry		7.4	4	1--0-0	0.14	0--2-0		do.
10	2-A	Wet II	1	7.2	3	6-12-0	0.56	3-13-0	13	do.
	2-B	Wet II	1	7.2	3	6-12-0	0.58	3-15-0	116	J.M.S. Britto
	3	Wet III	1	7.3	5	4--8.0	0.41	1-14-0	65	Fr.Muller's Inst.,Kankanady
12	1	Garden		7.3	4	5-10-0	0.75	4--4-0	30	Laxminarashimha Devaru
	2-A	Wet III	1	7.3	5	4--8-0	0.81	3-10-0	116	J.M.S.Britto
	2-B	Wet III	1	7.3	5	4--8-0	1.68	7--9-0	13	Ragunatha Naika
	3	Wet III	1	7.3	5	4-8--0	0.28	1--4-0	30	Laxminarasimha Devaru
	6	Wet II	2	7.2	2	9-14-0	1.81	17=14-0	30	do.
	7	Dry		7.4	4	1--0-0	2.86	2-14-0		do.
	8	Wet II	2	7.2	3	8--7-0	0.79	6-11-0		do.
	9	Garden		7.2	3	6-12-0	0.44	3--0-0		do.
	10	Wet III	1	7.3	5	4--8-0	2.30	10--6-0		do.
		Poromboke.								
9	6						0.28			Drain (Thodu)
	12						0.05			do.
10	4						0.18			do.
	5						0.07			do.
12	5						0.08			do.
	11						0.15			do.
	12						0.08			do.
	13						0.22			do.

p.t.o.

Statement II.

Classification of land proposed for the extension of the Paddy Breeding station, Mangalore.

DRY		GARDEN		WET I		WET II		WET III	
Survey No.	Area	Survey No.	Area	Survey No.	Area	Survey No.	Area	Survey No.	Area
9- 1A	4.53	9- 3A	0.55	12 - 6	1-81	9- 8A	0.84	9 - 2	0.22
9 9	0.32	12 1	0.75			10- 2A	0.56	9 -5	0.70
9 11	0.14	12 9	0.44			10- 2B	0.58	10 -3	0.41
12 7	2.86	9 10	0.12			12--8	0.79	12 -2A	0.81
								12 -2B	1.68
								12 3	0.28
								12 10	2.30
								9 7	3.45
Total	7.85		1.86		1.81		2.77		9.85

S t a t e m e n t - III.

(a) Cost of land:

Dry - 7.85 acres at Rs.750/- per acre		5,888
Garden - 1.86 " at Rs.750/- "		1,395
Wet - 1-1.81 " at Rs.3000/- "		5,430
Wet - 11-2.77 " at Rs.2500/- "		6,925
Wet -111-9.85 " at Rs.2000/- "		19,700
		39,333
Add 15% solatium		5,900
	Total	45,233

(b) Compensation for structures, trees, etc.

One revetted well in 9/7	2,000
One tiled building in 9/7	1,500
One thatched house in 12/1	300
do. 12/6	200
Compensation for trees in compounds etc.	1,100
Total	5,000
Grand total	50,000

(c) Buildings.

Non-residential:

Fencing only in portions liable for tresspass	1,000
Seed store	8,000
Cattle sheds - pucca walls but temporary roofing	2,500
Threshing floors	1,500
Total	13,000

(d) Other equipments:

Livestocks - 4 pairs at Rs.600/-	2,400
Deadstock including one cart	500
Additional furniture	250
	3,150
Total - non recurring.	66,383
or. G /	66,000

(e) Payof establishment.

1. Asst. Paddy Specialist 230-30/2-260-40/2-500-50/2-700- Average pay 449.3, Dearness allowance 70.0.. x 12	6,231.6
2. One Farm Managing Asst. -100-5-140-10-220 Average pay 165.3, Dearness allowance 37.0 x 12	2,427.6
3. One store clerk -45-3-60-2-90 Av. pay 67.5, Dearness allowance 24.0 x 12	1,098.0
4. One peon - 16-½(A)-25 Av. pay 27. D.A. 19 x 12	492
	10,249.2
Travelling allowance	1,000
Other compensatory allowances -i.e. house rent allowance, etc.	600
Total Z /	11,849.2 or 11,850

Working expenses.

Repairs and upkeep	1,500
Maintenance of cattle.	2,000
Cooly labour	4,000
Miscellaneous cultivation expenses.	1,000
Other miscellaneous charges.	1,500
	10,000
Dearness allowance to si x additional coolies and etc.	2,000

Receipts.

Estimated receipts by sale or transfer of seeds and other Farm produce.

7.85	acres of dry land at	Rs.100	per acre per year.	785
1.86	" garden land @	Rs.150/-	do.	279
1.81	" wet I "	Rs.300/-	do.	543
3.71	" wet II "	Rs.200/-	do.	742
10.86	" wet III "	Rs.200/-	do.	2,172
		Total		4,521 or 4,500

rk.4/11

Abstract.

Non-Recurring	Rs
(a) Cost of land	45,238
(b) Compensation for structers trees etc.	5,000
(c) Buildings	13,000
(d) Other equipments	3,150
	66,388 or 66,000

Recurring.

	Rs
1. Pay of establishment	10,249.2
2. Travelling	1,000
3. Other compensatory allowance.	600
	11,849.2 or 11.850
4. Working expenses.	12.000
	23,850

Receipts.

	Rs.
Estimated annual receipts	24,500/-

M.Kantiraj,
For Director of Agriculture

True copy/Forwarded/By order

rk.4/11

Gazetted Assistant

From
Sri M. B. Venkatanarasinga Rao,
B. A. B. Sc (Ag),
Paddy Specialist,
Lawley Road Post, Coimbatore.

To
The Personal Assistant to the
H'ble Minister for Agriculture,
Madras.

Secy. F & A. /C

52199 7/11

Dated the 1st November 1949.

ASSISTANT SECRETARY
8 NOV 1949
FOOD AND AGRICULTURE DEPARTMENT

Sir

Under personal instructions by the H'ble Minister for Agriculture, I am herewith enclosing a copy of the revised estimates for the extension of the Paddy Breeding Station, Mangalore which I sent to the Director of Agriculture, Madras.

SECRETARY TO GOVERNMENT
7 NOV 1949
FOOD AND AGRICULTURE DEPARTMENT

Yours faithfully,

Paddy Specialist.

44

From

Sri V. B. Venkatarangaiya Rao,
P. A. B. Sc (Ag),
Paddy Specialist,
Lawley Road Post, Coimbatore.

To

The Personal Assistant to the
Hon'ble Minister for Agriculture,
Madras.

Dated the 1st November 1949.

Under personal instructions by the Hon'ble Minister for Agriculture, I am herewith enclosing a copy of the revised estimates for the extension of the Paddy Breeding Station, Mangalore which I sent to the Director of Agriculture, Madras.

Yours faithfully,

Paddy Specialist.

Agricultural Department

From
Sri M.B. Venkatanarasinga Rao,
B.A., B.Sc.(Ag), A.I.A.R.I.
Paddy Specialist, Coimbatore.

To
The Director of Agriculture
Madras.

No. B.160/49 dated 29th Oct. 1949

Sir,

Sub: Agricultural Research Stations - Paddy Breeding Station, Mangalore - Extension
Ref: Director of Agricultures A.3.506/49 dated 29-8-49.

--

Under instructions from the Hon'ble the Premier of Madras and the H'ble Minister for Agriculture, when they visited the Paddy Breeding Station, Mangalore, I beg to submit a revised proposals for the extension of the Paddy Breeding Station, Mangalore. I kept the requirements of the land and other pre perquisites at the minimum consistant with immediate work. The wet land I, comprising mostly of "Patla" land may be leased out or acquired at a later date when the more important problems have been tackled. The area now proposed to be acquired, though short of the original proposal, would still enable us to take the more pressing problems of this tract as submitted in my original proposals - consisting of manurial and agronomic experiments and supply of nucleus seed for primary seed farms which is essential for achieving the full benefits of the Intensive Se Scheme of Self-sufficiency by 1951. One or two house sites which are in the centre of the area could not be avoided. The other area which is purely agricultural land may be arranged to be handed over the to the Department before March, 1950 to enable the work to be started in the first crop itself. Pucca walls and only temporary roofing is provided for cattle sheds, etc.

The total scheme costs Rs. 65,000 under non-recurring charges and Rs. 24,000/- under recurring.

I submit that the scheme may kindly be arranged tobe got sanctioned.

M.B. Venkatanarasinga 1.11.49
Paddy Specialist

Encls: 3 Statements

Statement - I.

Details of the area proposed for extension of the Paddy Breeding Station, Mangalore, S.Kanara dt.

85-B Jappinmogru village - Mangalore Tk. - S.Kanara Dt.

Sl. No.	Sub-Div. No.	Wet I, II or III, dry, etc.	Single or double crop	Class of soil	Taram	Rate of assessment per acre	Area	Assessment	Patta No.	Name of Register holder
9	1-A	Dry	1	8.1	5	0-12-0	4.53	3--6-0	13	M. Ragunatha Naicka
9	2	Wet III	1	8.5	8	2--4-0	0.22	0--8-0	13	do.
	3-A	Garden		7.3	4	5-10-0	0.55	3--1-0	13	do
	5	Wet III	1	8.5	8	2--4-0	0.70	1--9-0	13	do.
	7	Wet III	1	8.5	8	2--4-0	3.45	2--4-0	13	do.
	8-A	Wet III	1	8.2	4	5-10-0	0.84	4-12-0		do
	9	Dry		8.3	4	1--0-0	0.32	0--5-0		do
	10	Garden		7.4	7	2--4-0	0.12	0--4-0		do.
	11	Dry		7.4	4	1--0-0	0.14	0--2-0		do
10	2-A	Wet II	1	7.2	3	6-12-0	0.56	3-13-0	13	do.
	2-B	Wet II	1	7.2	3	6-12-0	0.58	3-15-0	116	J.M.S. Britto
	3	WET III	1	7.3	5	4--8-0	0.41	1-14-0	65	Fr. Muller's Inst., Kankanady
12	1	Garden		7.3	4	5-10-0	0.75	4--4-0	30	Laxminarasimha Devaru
	2-A	Wet III	1	7.3	5	4--8-0	0.81	3-10-0	116	J.M.S. Britto
	2-B	Wet III	1	7.3	5	4--8-0	1.68	7--9-0	13	Ragunatha Naika
	3	Wet III	1	7.3	5	4--8-0	0.28	1--4-0	30	Laxminarasimha Devaru
	4	Garden		7.3	4	5-10-0	0.23	1--5-0		do.
	6	Wet I	2	8.2	2	9-14-0	1.81	17-14-0	30	do.
	7	Dry		7.4	4	1--0-0	2.86	2-14-0		do.
	8	Wet II	2	7.2	3	8--7-0	0.79	6-11-0		do.
	9	Garden		7.2	3	6-12-0	0.44	3--3-0		do.
	10	Wet III	1	7.3	5	4--8-0	2.30	10--6-0		do.
		Peromboke								
9	6						0.28			Drain (Thodu)
	12						0.05			do.
10	4						0.18			do.
	5						0.07			do
	5						0.08			do.
	11						0.15			do.
	12						0.08			do.
	13						0.22			do.

Statement - II

Classification of land proposed for the extension of the Paddy Breeding Station, Mangalore.

DRY		GARDEN		WET - I		WET - II		WET - III	
Survey No.	Area	Survey No.	Area	Survey No.	Area	Survey No.	Area	Survey No.	Area
9- 1A	4.53	9- 3A	0.55	12- 6	1.81	9- 8 A	0.84	9- 2	0.28
9 9	0.32	12 1	0.75			10- 2 A	0.56	9 5	0.70
9 11	0.14	12 9	0.44			10- 2 B	0.58	10 3	0.41
12 7	2.86	9 10	0.12			12--8	0.79	12 2A	0.81
								12 2B	1.68
								12 3	0.28
								12 10	2.30
								9 7	3.45
Total	7.85		1.86		1.81		~~2.77~~		~~10.86~~ 9.43

S t a t e m e n t - III

			Rs.	
(a) Value of land:				
Dry - 7.85 acres at Rs.750/- per acre		-	5,888	
Garden - 1.86 " at Rs.750/- "		..	1,395	
Wet - I - 1.81 " Rs.3000/- "		..	5,430	
Wet -II - 23.71 " Rs.2500/- "		..	~~9,275~~	6,9[illegible]
Wet -III - ~~11.86~~ " Rs.2000/-		..	~~22,020~~	1[illegible]
9.85			-------	3[illegible]
Add 15% solatium		..	~~6,601~~	[illegible]
			------	------
	Total	..	~~50,609~~ or ~~51,000~~	45,23[illegible] or 45,[illegible]
(b) Compensation for structures, trees, etc.				
One revetted well in 9/7		..	2,000	
One tiled building in 9/7		..	1,500	
One thatched house in 12/1		..	200	
do. 12/6		..	200	
Compensation for trees in compounds etc		..	~~1,500~~	1,1[illegible]
			------	------
	Total	..	~~5,400~~	5,[illegible]
	Grand total			[illegible]
(c) Buildings.				
Non-residential:				
Fencing only in portions liable for trespass		..	~~2,000~~	1,[illegible]
Seed store		..	~~5,000~~	[illegible]
Cattle sheds - pucca walls but temporary roofing		..	2,500	
Threshing floors		..	~~2,500~~	1,[illegible]
~~Field-laboratory~~		..	~~3,000~~	
			-------	----
	Total	..	~~15,000~~	12,
(d) Other equipments:				
Livestocks - 4 pairs at Rs.600/-		..	2,400	
Headstock including two-carts- one cart		..	500	
Additional furniture		..	250	

	Total	..	3,150	
	Total - Non-recurring..		~~74,550~~ of ~~75,000~~	6[illegible]
(e) Pay of establishment.				
1 Assistant Paddy Specialist 230-30/2-260-40/2-500-50/2-700 - Average pay 449.3, Dearness allowance 70.0 .. x 12		..	6,231.6	
2 One Farm Managing Assistant - 100-5-140-10-220 Average pay 165.3, Dearness allowance 37.0 x 12			2,427.5	
3 One store clerk - 43-3-60-2-90 Av. pay 67.5, Dearness allowance 24.0 x 12		..	1,098.0	
4 One peon - 16-½(A)-25 Av. pay 20.7, D.A. 19 x 12		..	476.4	

			10,048.9	
Travelling allowance		..	1,000	
Other compensatory allowances - i.e. house rent allowance, etc.		..	600	

	Total	..	11,650	

Working expenses.

Repairs and upkeep.	..	1,500
Maintenance of cattle.	..	2,000
Cooly labour	..	4,000
Miscellaneous cultivation expenses	..	1,000
Other miscellaneous charges	..	1,500
		10,000
Dearness allowance to six additional coolies and etc.	..	2,000
Total Non-recurring	..	23,650

Receipts.

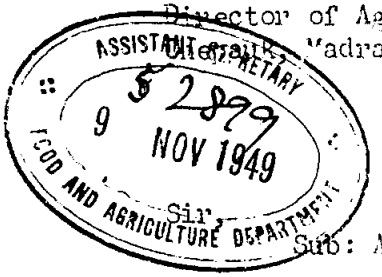
Estimated receipts by sale or transfer of seeds and other farm produce.

7.85	acres	of dry land	at Rs.100	per acre	per year	785
1.86	"	garden land	@ Rs.150/-	do.	..	279
1.81	"	wet I	" Rs.300/-	do	..	543
3.71	"	wet II	" Rs.200	do	..	742
10.86	"	wet III	" Rs.200	do.	..	2,172
				Total.		4,521 or 4,500

AGRICULTURAL DEPARTMENT

From
Sri R.M.Sundaram, I.C.S.,
Director of Agriculture,
Madras.

To
The Secretary to Government,
Food and Agriculture Department,
Fort St. George, M a d r a s.



No.X.3.506/49 dated 5-11-1949.

Sir,

Sub: Agricultural Research Station - Paddy Breeding Station, Mangalore extension of - revised proposals.

Ref: Government Memorandum No.24967 K/49-9 dated 3-11-1949.

The revised proposal for extension of the Paddy Breeding Station, Mangalore was submitted to Government in letter X.3.506/49 dated 3-11-1949.

M. Kanti Raj,
for Director of Agriculture.

True copy/Forwarded/By order

Vanada Rao
Gazetted Assistant.

TK.7.11.

Food & Agri.(K) Dept.

NOTE FOR THE STANDING FINANCE COMMITTEE.

Sub: AGRICULTURE - Paddy Breeding Station, Mangalore - Extension of.

Summary of extra cost involved in the Scheme.

Major head of account	Minor and sub-head of account	Ultimate cost. Recurring Rs.	Ultimate cost. Non-Recurring Rs.	Cost in the year of introduction. Recurring Rs.	Cost in the year of introduction. Non-Recurring Rs.
40. Agri. C. Experimental farms A.Agrl. Research Stations.		23,850	66,000	2,000	53,400

EXPLANATORY NOTE.

The Paddy Breeding Station, Mangalore has now an extent of ~~25~~ 25.25 acres ~~25 cents~~ of lands which were acquired for the purpose in 1945. The station is located in the village of Jappinamogaru, near Mangalore. The objects of the station are:-

(i) Introduction of pure and uniform maturing strains of paddy in the tract.

(ii) Breeding and isolation of suitable high yielding strains with maximum desirable characters.

(iii) Increasing supply of seeds of the few strains suitable to the tract and thus obviate supply from outside.

(iv) Undertaking agronomic experiments.

2. The D.A. has reported that the present area of the station is not enough to tackle the various cultural and agronomic problems awaiting solution in that tract and for supplying pedigree seeds for the primary seed farms. For work on "BETTU" or the single crop land which forms about 50% of the total rice area of the S.Kanara district, only 3.58 acres are available in the existing station. There is no dry area to be

the problems of "KUMRI" cultivation work for about 20,000 acres of "PETLA" lands which get submerged during the first crop season. The D.A. states that breeding work has also to be enlarged so as to include the following items:

(a) Evolution of a 'Mascathy' type for Bettu areas

(b) Production of a non-lodging 'Kayama' type.

(c) Evolution of a Co.3 type of strain which does not deteriorate by germination during storage (Co. 3 is a popular strain during the second crop season).

(d) Evolution of suitable high yielding Kumri types of paddy, and

(e) Selection work in popular varieties for which work has yet to be started.

The cultivation practice of the tract has certain peculiarities which require to be investigated, e.g., the system of boradcasting the second crop areas, the efficiency of early and late nurseries for the first crop, broadcasting in the "Bettu" area if season is late, etc. Work on the manurial aspects of the tract with its heavy rainfall resulting in denudation in different types of paddy cultivation has to be taken up. Work on other important crops of the district, such as sweet potato, sugarcane, plantains and pulses which are rotated with paddy has also to be taken up.

For the above reasons, the D.A. considers it necessary to enlarge the paddy Breeding Station, Mangalore by about 24.14 acres as detailed below: (Necessary land is said to be available adjoining the existing station).

Wet I.	...	1.81 acres
Wet II.	...	2.77 "
Wet III.	...	9.85 "
Garden	...	1.86 "
Dry	...	7.85 "
Total.	...	24.14 acres.

3. The following additional staff is required to cope with the increase of work consequent on the extension of the Station:

(i) 1 Assistant Paddy Specialist.

(ii) 1 Assistant.

(iii) 1 Store clerk.

(iv) 1 Peon.

A sum of Rs.12,000 has to be incurred per year under 'working expenses' in maintaining the additional area. This sum includes provision for repairs and up keep, and other miscellaneous charges. The cost of acquiring the lands in question is estimated at Rs.50,238. The details of ~~building~~ construction of building required ~~proposed~~ is as follows:

	Rs.
Fencing only in portions liable for tresspass.	1,000
Seed Store.	8,000
Cattle sheds - pucca walls but temporary roofing.	2,500
Threshing floors.	1,500
Total.	13,000

The above items of building construction are stated to be the absolute minimum requirements for the extended farm. The D.A. states that a sum of Rs.3,150 will also be required towards equipping the station with the required additional furniture, oil engines, apparatus and Meteorological instruments, carts, Weighing machine, livestocks etc. The scheme is estimated to cost Rs.23,850/- p.a. recurring on pay and allowances of staf and working expenses and Rs.66,000 non recurring towards the cost of land, compensation for structures and trees buildings and other equipment. The receipts in the scheme by sale or transfer of seeds and other farm produce ~~p.a.~~ is estimated at Rs.4,500 per year. This Dept. ~~(and Fin.)~~ have accepted the D.A's estimate of cost of the scheme. The Fin. Dept. have not, ~~however~~ agreed to the introduction of the scheme in the current year or in the next year on the ground that it is not very urgent and does not have any immediate food value.

4 The extension of the Station on the lines enunciated in the previous paragraphs ~~are said to~~ have been submitted by the D.A. in pursuance of the instructions of H.M.(Agri) and H.Pr. during their recent visit to the station in October ~~xxx~~ last. The D.A. requests that necessary orders may be issued for acquiring the lands before March 1950, so that the lands will be ready for cultivation in the first crop season. When the above case was circulated for orders regarding the financial procedure to be followed for sanctioning the proposal, H.M.(Agri) minuted as follows:

x x

"The need for extending and improving the station is urgent. ~~xx~~This scheme will help the GMF campaign and deserves first ~~possibly~~. The ~~record~~ minimum estimate of cost may be sanctioned for introduction in the current year.

A.B.S.
21.11.49".

H.M.(Fin) has also agreed to the introduction of the scheme during the current year. The case is accordingly placed before the S.F.C. for its orders as the proposal ~~Committee.~~ constitutes a new service.

6 Details regarding budget provision etc. are given below:

1. Budget provision under the major head of account for 1949-50	Rs. 136,23,800 ~~Rs 13,44,200~~
2. Actual expenditure to the end of ~~April~~ Sept '49 1949 under the major head of account.	51,90,120
3. Estimate of extra expenditure on the scheme under consideration in the current year. (1949-50)	Rs 55,400
4. Savings in the budget provision for other items included in the major head.	Not known.
5. Total commitment in the year under the major head of account of new schemes (not provided for in the budget) sanctioned since the beginning of the financial year upto the end of September 1949.	
6. Total commitment in the year under all major heads (in the Revenue section on the capital section, as the case maybe) on account of new schemes (not provided for in the budget) sanctioned since the	

beginning of the financial year
upto the end of ~~the month of September~~ 2,17,94,516

FOOD AND AGRICULTURE (K) DEPARTMENT:

NOTE FOR THE STANDING FINANCE COMMITTEE:

Sub: AGRICULTURE - Paddy Breeding Station, Mangalore - Extension of.

SUMMARY OF EXTRA COST INVOLVED IN THE SCHEME:

Major head of account	Minor and sub-head of account	Ultimate cost		Cost in the year	
		Recurring Rs.	Non-recurring Rs.	Recurring. Rs.	Non-recurring. Rs.
40.Agri.C. Experimental farms A.Agri/. Research Stations.		23,850	66,000	2,000	53,400

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The Paddy Breeding Station, Mangalore has now an extent of 25.25 acres of lands which were acquired for the purpose in 1945. The station is located in the village of Jappinamogaru, near Mangalore. The objects of the station are:--

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2. The Director of Agriculture has reported that the present area of the station is not enough to tackle the various cultural and agronomic problems awaiting solution in that tract and for supplying pedigree seeds for the primary seed farms. For work on "BETTU" or the single crop land which forms about 50% of the total rice area of the South Kanara district, only 3.58 acres are available in the existing station. There is no dry area to tackle the problems of "KUMRI" cultivation work for about 20,000 acres of "PETLA" lands which get submerged during the first crop season. The Director of Agriculture states that breeding work has also to be enlarged so as to include the following items:

(a) Evolution of a 'Hathy' type for Bettu areas

(b) Production of a non-lodging 'Kayama' type.

(c) Evolution of a Co.3 type of strain which does not

p.t.o.

does not deteriarate by germination during storage (Co.3 is a popular strain during the second crop season).

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The cultivation practice of the tract has certain peculiarities which require to be investigated, e.g., the system of broadcasting the second crop areas, the efficiency of early and late nurseries for the first crop, broadcasting in the "Bettu" area if season is late, etc. Work on the manurial aspects of the tract with its heavy rainfall resulting in denudation in different types of paddy cultivation has to be taken up. Work on other important crops of the district, such as sweet potato, sugarcane, plantains and pulses which are rotated with paddy has also to be taken up.

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	Rs.
cing only in portions able for tresspass	1,000
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Total ..	13,000

P.t.o.

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4. The extension of the Station on the lines enunciated in the previous paragraphs have been submitted by the Director of Agriculture in pursuance of the instructions of H.M.(Agriculture) and H.Pr. during their recent visit to the station in October last. The Director of Agriculture requests that necessary orders may be issued for acquiring the lands before March 1950, so that the lands will be ready for cultivation in the first crop season. When the above case was circulated for orders regarding the financial procedure to be followed for sanctioning the proposal, H.M.(Agri.) minuted as follows:

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A.B.S.
21.11.49".

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4)	Savings in the budget provision for other items included in the major head	ot known.

P.t.o.

		Rs.
5.	Total commitment in the year under the major head of account of new schemes (not provided for in the budget) sanctioned since the beginning of the financial year upto the end of September 1949	42,58,352
6.	Total commitment in the year under all major heads (in the Revenue section or the capital section, as the case may be) on account of new schemes (not provided for in the budget) sanctioned since the beginning of the financial year upto the end of September 1949.	2,17,94,516

M.A. Kuttalalingam Pillai,
Secretary to Government.

Ng.6.12.

S.T.V.
6/12/49.

FOOD AND AGRICULTURE (K) DEPARTMENT:

NOTE FOR THE ~~STANDING FINANCE COMMITTEE~~ Cabinet:

Sub: AGRICULTURE - Paddy Breeding Station, Mangalore - Extension of.

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	Rs.
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Total ..	13,000

P.t.o.

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4. The extension of the Station on the lines enunciated in the previous paragraphs have been submitted by the Director of Agriculture in pursuance of the instructions of H.M.(Agriculture) and H.Pr. during their recent visit to the station in October last. The Director of Agriculture requests that necessary orders may be issued for acquiring the lands before March 1950, so that the lands will be ready for cultivation in the first crop season. When the above case was circulated for orders regarding the financial procedure to be followed for sanctioning the proposal, H.M.(Agri.) minuted as follows:

x x

"The need for extending and improving the station is urgent. ~~xx~~ This scheme will help the Grow More Food Campaign and deserves first priority. The revised estimate of cost may be sanctioned for introduction in the current year.

A.B.S.
21.11.49".

H.M.(Fin) has also ggreed to the introduction of the scheme during the current year. The case ~~is~~ was accordingly placed before the Standing Finance Committee for its orders as the proposal constituted a 'new service'. The S.F.C. at its meeting

5. ~~Total commitment in the year under~~ the major head of account of new schemes (not provided for in the budget) sanctioned since the beginning of the financial year upto the end of September 1949 — Rs. 44,58,352

6. Total commitment in the year under all major heads (in the Revenue section on the capital section, as the case may be) on account of new schemes (not provided for in the budget) sanctioned since the beginning of the financial year upto the end of September 1949. — 2,17,94,510

M.A. Kuttalalingam Pillai,
Secretary to Government.

Ng.6.12.

S.T.V.
6/12/

held on 15.12.49 has approved the scheme
The case is now placed before the
Cabinet for orders.

27.12.49.

27/12/49

27/12/49

Appd to all items included in the 8 27/12/49

STRICTLY CONFIDENTIAL

GOVERNMENT OF MADRAS

Meeting of the Council of Ministers held at Fort St. George on Sunday, the 1st January 1950 at 12 noon.

The Hon'ble the Premier presided

PRESENT:

The Hon'ble Sri A.B. Shetty
The Hon'ble Sri B. Gopala Reddy
The Hon'ble Sri J.L.P. Roche Victoria
The Hon'ble Sri B. Parameswaran
The Hon'ble Sri H. Sitarama Reddy
The Hon'ble Sri M. Bhaktavatsalam
The Hon'ble Sri K. Madhava Menon
The Hon'ble Dr. T.S.S. Rajan

AGENDA:

2.(12) Agriculture - Education - Agricultural College, Coimbatore - Acquisition of land in lieu of those alienated to the Arthur Hope College of Technology

(23) Agriculture - Paddy Breeding station Mangalore - Extension of

ORDER:

The recommendations of the Standing Finance Committee were approved.

K.R.M.
3.1.50

P.S. Kumaraswamy Rajah,
Premier

Food and Agriculture Department.

(True copy)

1091A

PUBLIC (SPECIAL) DEPARTMENT.

U.O. Note No.4188/49-2, dated the 5th January 1950.

...

The following files of Food and Agriculture Department sent for use at the Cabinet meeting held on 1st January 1950 are returned herewith. The Food and Agriculture Department are requested to acknowledge them. The decisions have been sent separately.

K. Kamunni Menon,
Chief Secretary to Government.

To The Food and Agriculture Department.

Forwarded By order

Superintendent.

kmy/5.1.

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Agriculture - Education - Agricultural College Coimbatore - Acquisition of lands in lieu of those alienated to the Arthur Hope College of Technology.

Agriculture - Paddy Breeding Station - Mangalore - Extension of.

***

THE ASSISTANT SECRETARY TO GOVERNMENT
5 JAN 1950
FOOD AND AGRICULTURE DEPARTMENT

Agri. 9.1.50 Eqn (1) Dept

ho Noti No 24967 Mg Leg – 170 9.1.5

Lab Edn 10/9.1

Sub: Meeting of the Cabinet held on 1-1-50.

Ref: ho Noti No 4188/49-2 dd 5.1.50

The receipt of the letters mentioned in the margin ⊗ are hereby acknowledged

1) Agre. Edn-Hgdl College Coimbatore Acquisition of lands in view of their ultimate transfer to the Univ Hindu College of Technology

2) Agre. Paddy Breeding Station, Mangalore – Extension of

F O

Irrb (Spl) Dept 9.1.50

b/50

7.1.50

F & A. Dept

75

Sub:- Agri- Stations - Paddy Breeding Station, Mangalore - Extension of - Proposal of the D.A - Approved - Addl staff + expenditure - Sanctioned.

Read again:- G.O.No. 1965, Dev., dt 19.9.42.

Read also:- From the D.A. A3.506/49 dt 3.11.49

Order No. Ms. 80 dt. 10.1.50.

The Paddy Breeding Station, Mangalore, has now an extent of about 25 acres of lands which were acquired for the purpose in 1945. The station is located in the village of Jeppinamogaru, near Mangalore. The objects of the station are

(i) Introduction of pure + uniform maturing strains of paddy in the tract.

(ii) Breeding and isolation of suitable high yielding strains with maximum desirable characters

(iii) Increasing supply of seeds of the few strains suitable to the tract + thus obviate supplies from outside

(iv) Undertaking Agronomic experiments

The D.A. has reported that the present area of the station is not enough to tackle the various cultural + agronomic problems awaiting solution in that tract + for supplying pedigree seeds for the primary seed farms. The D.A. therefore considers it necessary to enlarge the Paddy Breeding Station, Mangalore by 24.14 acres as detailed below:—

Wet I — 1.81 acres.
Wet II — 2.77 "
Wet III — 9.85 "
Garden — 1.86 "
Dry — 7.85 "
Total 24.14 "

H.E. the Governor of Madras approves the proposal of the D.A. for the extension of the Paddy Breeding Station, Mangalore by 24.14 acres & sanctions the scheme at a cost not exceeding Rs. 66,600/- (Rupees sixty-six thousand) non-recurring + Rs. 23,850/- (Rupees twenty-three thousand eight hundred & fifty) recurring p.a. as detailed in the Annexure to this order.

2. H.E. the Governor of Madras also sanctions the employment of the following addl. staff at the Paddy Breeding Station, Mangalore for a period of one year in the first instance

(i) One Asstt. Paddy Specialist on Rs. 250-30/2-260-40/2-320-50/2-70 p.m. (plus M.A.S.)
(ii) One Asstt. on Rs. 100-220 p.m.
(iii) one Store clerk on Rs. 45-3-90 p.m.
(iv) one peon on Rs. 18-25 p.m.

The work in the station will be under the control of the Asstt. Paddy Breeding Specialist mentioned above.

3. The Collr. of S. Kanara is requested to take necessary urgent steps for the acquisition of the 24.14 acres of lands mentioned in para 1 above in consultation with the D.A. The matter should be treated as very urgent at every stage & draft notifications under the L.A. Act submitted to Govt. through the

Bd. of Rev. within a month from the date of this order, as the D.A. is anxious for acquiring the lands before March 1950 so that the lands may be ready for cultivation in the first crop season.

Per [illegible]

4. The D.A. is requested to submit at a very early date proposals for filling up the post of the Asstt. Paddy Specialist sanctioned in para two above.

5. The D.A. is requested to see that the expenditure on buildings & equipment are restricted to the minimum possible.

6. The expenditure should be debited to "40 C. Agri. Experimental Farms & the receipts credited to XXIX Agri. A. Agrl. Research Stations". The D.A. is requested to submit in due course a supplementary statement of expenditure for authorisation by the H.E. (in Council). Pending provision of funds, the A.G. is requested to admit the expenditure in audit.

7.1.50 mes 7/1/50

7/1/50 6/1/50

To

The D.A.
The A.G. (Fin. (E II) Dept.)
The Bd of Rev (A.R.)
The Collr of S. Kanara
Copy to P.W. (R&B)
Copy to Fin. (Secrett.)
F & A. Deptt. for further action w.r.t. para 4 of the G.O. (3 Copies)
Copy to Fin. (Budg.) for inclusion in the list of new services schemes
Copy to Fin. B/E.III Stock file [15-5C] Addl. L.S.E.
Copy to Fin. (Budg.) vide their U.O. No. (6-2-50) dated 6/2/50

Annexure.

Estimate of cost for the extension of the Paddy Breeding Station, Mangalore by 24.14 acres.

A. Non recurring

(a)	Cost of land	Rs. 45,238/-
(b)	Compensation for trees & other structures etc	5,000/-
(c)	Buildings	13,000/-
(d)	Other equipments	3,150/-
		Rs. 66,388 or 66,400 (rounded)

B. Recurring

(i) Pay of offices & establishment	Rs. 10,249.2
(ii) T.A. ~~for the~~	1,000.
(iii) Other Compensatory allowance	600.
	11,849.2 or
	11,850
(iv) Working expenses	12,000
	~~23,850~~
	~~23,850~~
	Rs. 23,850

Draft

ED
7.1.50

mes
7/1/50

GOVERNMENT OF MADRAS

Abstract.

AGRICULTURE - Stations - Paddy Breeding Station, Mangalore - Extension of - Proposal of the Director of Agriculture - Approved - Additional staff and expenditure - Sanctioned.

-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-v-

FOOD AND AGRICULTURE DEPARTMENT

G.O.Ms.No.80 Dated the 10th January, 1950.

Read again:--

G.O.No.1965 Development dated 19-9-1942.

Read also:- From the Director of Agriculture, X3.506/49 dated 3/11/49.

ORDER:--

The Paddy Breeding Station, Mangalore, has now an extent of about 25 acres of lands which were acquired for the purpose in 1945. The station is located in the village of Jeppinamogaru, near Mangalore. The objects of the station are

(i) Introduction of pure and uniform maturing strains of paddy in the tract.

(ii) Breeding and isolation of suitable high yielding strains with maximum desirable characters,

iii) Increasing supply of seeds of the few strains suitable to the tract and thus obviate supplies from outside

(iv) Undertaking Agronomic experiments.

The Director of Agriculture has reported that the present area of the station is not enough to tackle the various cultural and agronomic problems awaiting solution in that tract and for supplying pedigree seeds for the primary seed farms. The Director of Agriculture therefore considers it necessary to enlarge the Paddy Breeding Station, Mangalore by 24.14 acres as detailed below:--

Wet I	1.81 Acres.
Wet II	2.77 "
Wet III.	9.85 "
Garden.	1.86 "
Dry.	7.85 "
Total.	24.14 Acres.

His Excellency the Governor of Madras approves the proposal of the Director of Agriculture for the extension of the paddy Breeding Station Mangalore by 24.14 acres and sanctions the scheme at a cost not exceeding Rs.66,000/- (Rupees sixty six thousand) non-recurring and Rs.23,850/- (Rupees twenty-three thousand eight hundred and fifty only) recurring per annum as detailed in the Annexure to this Order.

2. His Excellency the Governor of Madras also sanctions the employment of the following additional staff at the Paddy Breeding Station, Mangalore for a period of one year in the first instance.

(i) One Assistant Paddy Specialist on Rs.230-30/2-260-40/2-500-50/2-700 per mensem as a temporary addition to category 3 of the Madras Agricultural Service.

(ii) One Assistant on Rs.100-220/- per mensem.

(iii) One Store clerk on Rs.45-90 per mensem.

(iv) One peon on Rs.18-25 per mensem.

The work at the station will be under the control of the Assistant Paddy Specialist mentioned above.

3. The Collector of South Kanara is requested to take very urgently steps for the acquisition of the 24.14 acres of lands mentioned in paragraph one above in consultation with the Director of Agriculture. The matter should be treated as very urgent at every stage and draft notification under the Land Acquisition Act submitted to Government through the Board of Revenue within a month from the date of this Order as the Director of Agriculture is anxious for acquiring the lands before March 1950 so that the lands may be ready for cultivation in the first crop season.

4. The Director of Agriculture is requested to submit at a very early date proposals for filling up the post of the Assistant Paddy Specialist sanctioned in paragraph two above.

5. The Director of Agriculture is requested to see that the expenditure on buildings and equipment are restricted to the minimum possible.

6. The expenditure should be debited to "40.C Agriculture-Experimental farms -A.Agricultural Research Stations and receipts credited to XXIX Agriculture". The Director of Agriculture is requested to submit in due course a supplementary statements of expenditure for authorisation by His Excellency the Governor. Pending provision of funds the Accountant General is requested to admit the expenditure in audit.

(By Order of His Excellency the Governor)

M.A.Kuttalalingam Pillai,
Secretary to Government.

To

The Director of Agriculture.
" The Accountant General thro' Finance(E.II) Department.
" The Board of Revenue(Land Revenue).
" The Collector of South Kanara.
Copy to Public Works (Information and Publicity) Department.
Copy to J.Section, Food and Agriculture Department for further action with reference to para 4 of the G.O.(3 copies).
Copy to Finance (B.G) Department for inclusion in the list of new services Schemes.
Copy to Finance (B.E) III.

/ Forwarded / By Order /

kvr/10150.

Superintendent.

ANNEXURE.

Estimate of cost for the extension of the paddy Breeding Station, Mangalore, by 24.14 acres.

A. Non-recurring.

(a) Cost of land.	Rs.45,238/-
(b) Compensation for trees, structures etc.	5,000/-
(c) Buildings.	13,000/-
(d) Other equipments.	3,150/-
	Rs.66,388 or 66,000 roundly.

B.Recurring.

(i) Pay of officer & Establishment.	Rs.10,249.2	
(ii) Travelling Allowance.	1,000	
(iii) Other componsatory allowance.	600	
	11,849.2 or	11,850/-
(iv) Working expenses. ...	~~11,850/-~~	12,000/-
		23,850/

ASSISTANT SECRETARY
5 MAY 1950
FOOD AND AGRICULTURE DEPT.

30121

840

Copy to Section for adding to the original of G.....80 Food and Agriculture, dated 10-1-1950.

F & A Dept

To Supplies Lodged & added to the original of F.O. No. 840 F & A dated 10-1-50.

H.M.(Agri.)

Dewey -
Take the necessary action pl -
1/3/49
-S/3

The necessity for establishing a Paddy Breeding Station at Mangalore (S.Kanara) has been stressed more than once in the past. The sub-station opened at Mangalore in 1944 has been doing useful work such as trial of strains already evolved at other Research Stations to meet immediate demand from cultivators, selection from local varieties from first, second and third crops, hybridisation to eliminate the obvious defects existing in the local varieties etc. The special feature of the South Kanara district is the dominance of paddy amongst its crops which occupies 80 per cent of the cultivated area. This shows the importance of rice culture in the economic well being of the ryot of the district. Nearly six lakhs of acres in this district are under paddy cultivation yielding annually 2.6 lakhs of tons of rice in the normal season. As there is an ever increasing demand for pure seed of improved strains in this district, it is felt that the area of the present sub-station at Mangalore viz. 25 acres, is too small and that it should be immediately expanded by at least another 40 or 50 acres for which there is ample scope round about the present area of this station. I would request H.M.(Agri) to direct urgent action in this matter. Representations were made to me about this during my tour in South Kanara last week.

1/3/49
H.M.(P.H.)

To A.S. The minutes of H.M (P.H) + those of H.M (Agri) on p.1 above may be perused.

The Paddy Breeding station, Mangalore, has now an extent of 25 acres 10 cents of lands which were acquired for the purpose in 1945. The station is located in the village of Jeppinamogaru near Mangalore. The acquisition of lands has costed nearly Rs. 60,550/- to Govt. There is no proposal ~~to extend the proposal~~ at present with Govt. to extend the station further. ×

With reference to 'A' on p.1 above, the remarks of the D.A. may be invited in the first instance. The draft memo below is for approval.

23/3/49.

23349

23349 DS DS

WK

WKS

Issued as Memo No 24967 A II/49-1 dt 25.3.49 [illegible]

[From the D.A. No. X3. 506/48 dt 25.4.48] Pp 3-4C

~~From the D.A Lr No X3. 506/49 dtd 25-4-49~~

TO AS

Please see DA's reply at pp 3-4 CF to the memo at pp 1-2 CF. For the reasons stated in paras 1 and 2 on p 3 CF, the D.A considers that ~~the~~ a stage has now been reached when it has become very essential to expand the area of the Paddy Breeding Station, Mangalore. ~~An~~ In the opinion of the D.A, an addition of about 60 acres to the Station is the minimum area required to improve the agriculture of the tract, as a long range measure ~~to improve the agriculture of the tract~~ and from the point of view of the food production drive. The D.A states

that the world Govt will submit detailed proposals with the full financial implications involved, in case the Govt accord general approval to his suggestion. The D.A may first be asked to report the financial implications of the proposal. ~~to enable the Govt~~. This would is necessary for the Govt to arrive at a decision in the matter. The draft memo below is for approval

16549

Issued as Secy. No. 24567 AII/49-2 dt 19.5.49

From the D.A.No. X.3. 506/48 dt 16-4-53

To A.S. Please see the minutes of H.M.(Agri) on p.1 above, the D.A.'s report at p.p.3-4 C.F., memo to the D.A. at p.p.5-6 C.F. and the D.A.'s further report with its enclosures at p.p.9-21 C.F. The Paddy Breeding Station, Mangalore has now an extent of 25 acres 10 cents of lands which were acquired for the purpose in 1945. The station is located in the village of Jeppinnagaru near Mangalore. The objects of the station are :-

(i) Introduction of pure and uniform maturing strains of paddy into the tract.

(ii) Breeding and isolation of suitable high yielding strains with maximum desirable characters.

(iii) Increasing of supply of seeds of the few strains suitable to the tract and thus obviate supply from outside.

(iv). Undertaking agronomic experiments.

2. The D.A. has reported that the present area of the station is not enough to tackle the various cultural and ~~organic~~ agronomic problems awaiting solution in that tract and for supplying pedigree seeds for the primary seed farms. For the reasons stated in paras 1 to 4 on p.9 c.f. the D.A. suggests that an additional area of 53.51 acres as shown at 'M' on p.10 C.F. may be acquired. A plan showing the existing area of the farm and the area proposed to be acquired will be found at (X). The cost of acquisition is at present estimated at Rs.1,27,000/- (Vide annexure III on p.19 C.F.) But the actual expenditure will depend upon the final award passed by the Rev.Dept. From the point of view of food production and the need for improvement of the agriculture of the tract, this Dept. may agree for the expansion of the station as proposed by the D.A. For orders.

3. The present staff at the station and the addl. staff proposed to cope with the extra work involved are

detailed below:-

Designation.	Existing staff.	Addl. staff proposed	Total.
Gazetted Officer	-	1	1
Assistants.	2	2	4
Fieldmen.	3	1	4
Clerk for farm.	1	-	1
Storeclerk.	-	1	1
Typist	-	1	1
Peons.	1	2	3

The need for the additional staff proposed is explained by the D.A. at 'N' on p.p.10-11 C.F. This Dept. may agree with the Dept. that the additional staff suggested is the minimum required ~~required~~. For orders.

2. The recurring expenditure involved per annum in the employment of the additional staff (worked on average cost basis) is estimated at Rs.15,300/- on pay and allowances and Rs.16,900 on T.A. and other compensatory allowances. The working expenses of the farm per annum is estimated at Rs.33,000/- Vide R. on p.21 C.F. The D.A.'s estimate may be accepted in the Dept. For orders

3. The following items of non-recurring expenditure are also proposed.

Buildings.

Non-residential.

Fencing (only in portions liable for trespass)	5,000
Seed store.	14,000
Cattleshed.	4,000
Threshing floors(2 big and 2 small)	5,000
Field laboratory.	8,000
Implement shed and cart stand.	4,000
	40,000
Residential.	
Quarters for one Asstt.	12,000
Other Equipment.	
Livestocks. 10 pairs at 600	6,000
Deadstock including 2 carts and weighing machine	4,000
Addl. oil engine.	5,000
Addl. furniture.	1,000
Apparatus including microscope & Meterological instruments	4,000
	20,000
Grand total	72,000

The need for the above expenditure is explained in para 7 on p.10 C.F. The D.A.'s estimate may be accepted in this Dept. For orders.

5. The estimated receipts per annum by sale of seeds and farm produce is estimated by the D.A. at Rs.10,500/-.

P.W.D. and Fin. may see for remarks.

25/6/49

25/6/49

29.6.49

Dev. & Fin.

Dev & Fin

Dev.U.O.No.24967 AII/49-4

29.6.49

P.W.D.(C)

Notes of Dev from 1 to 5 ante may be perused. The file has been sent to this Deptt. with reference to para 4 of their note on Pr 6-7 above. This Deptt. have no special remarks to offer. ~~Of Dev.~~ intend taking ~~proposals for execution, they~~ the proposals for execution, Dev. will no doubt circulate the case to H.M. (P.W.) also ~~for~~.

The file may be perused on to

5.7.49. Fin.

5-7-49

5.7.49

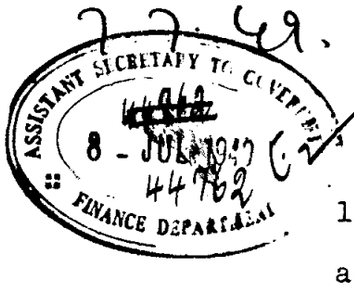
~~A.O.~~ N

6.7.49 Fin

P.W.D.U.O.

5649 C/49-1

7.7.49.



Finance(E-II).

The file deals with the proposals submitted by the D.A. for the expansion of the Paddy Breeding Station in South Kanara district. For the reasons stated in paras 1--4 on p.9 CF., the D.A. suggested that an addl. area of 53.51 acres may be acquired for the Station (the present area of the station is 25.10 acres). The estimated extra cost on account of the proposals is as shown below:-

RECURRING:-

	Rs	
I. Pay & allowances of staff	16,900 p.a.	B&C as p.21 CF 15,700
II. Working expenses ..	33,000 "	R as p.21 CF 30,000
Total - Recurring ..	49,900 "	45,700

NON-RECURRING:-

I. Value of lands	1,16,500	M as p.19 CF 1,16,500
II. Compensation for structures, trees, etc.	10,500	N —do— 10,500
III. Buildings:-		
(a) Non-residential	40,000	Q —do— 36,000
(b) Residential	12,000	R —do— 12,000
IV. Other equipment	20,000	S —do— 6,000
Total - Non-recurring	1,99,000	1,91,000
GRAND TOTAL ..	2,48,900	
RECEIPTS ..	10,500 p.a.	
Net Cost ..	2,38,400	

The proposals have been examined in Development notes on pp.5-7 above. They have supported all the proposals of the D.A. The following remarks are called for in this department:-

RECURRING:-

I. Pay & allowances of staff(Annexure V on p.21 CF) : Rs 16,900

The statement in para 8 on p.10 CF. gives in one view the existing staff at the Station and the addl. staff proposed. At present there is no gazetted officer at the Station, but the D.A. considers that,on enlargement,it should be placed in charge of a Gazetted Assistant Paddy Specialist so that effective supervision and guidance in the day to day management can be ensured. While it may be conceded that it would be ~~advantageous~~ desirable to have a Gazetted Assistant to be in charge of the station, it does not seem that there is absolute necessity for the post. Even for schemes which are partly subsidised by the Govt. of India this department have advised against appointment of gazetted assistants. Similarly, the proposal for a Gazetted Assistant Paddy

N as p.10 CF

Z

x ICAR Schems

(This Dept.tr may advise against)

Specialist may in this case also be advised against.

The proposed addl. staff of 2 Assistants and one. Fieldman may be agreed to.

At present there is a clerk at the station. An addl. staff of a Store-clerk and a Typist has been proposed. While there is already a clerk, there does not seem to be any necessity for an addl. Store-clerk. It is also not necessary to have a Typist solely for this scheme. The question of appoining an addl. Store-clerk and/or a typist may be considered later if the volume of work justifies it. The two addl. peons proposed need not also be appointed.

II. Working Expenses. A total provision for Rs 33,000 has been made under this head -- for details vide 'R' on p.21 For the existing breeding station, the working expenses are about Rs 5,400 -- vide p.24 CF. of Flag (N). On this basis, the probable requirements of the enlarged farm would be about Rs 16,200/-. While it is a fact that the cost of labour, fodder etc. have increased, a provision of Rs 33,000 seems to be rather over-pitched e.g., the provision of Rs 15,000 towards cooly labour can possibly be reduced to say Rs 10,000/-. The other items also seem susceptible of reduction.

NON-RECURRING:-

I+II Value of land (+ Compensation for structures on it) - Rs 1,27,000. This includes the cost of acquisition, the value of lands, 15% solatium and compensation for the value of trees and other appurtenances. It has been stated that the actual expenditure will depend on land acquisition award passed by the Revenue Department. No special remarks are called for.

III. Buildings Rs 52,000

From Annexure III(b) on p.19 CF., it is observed that there are some tiled buildings, thatched houses and cattle sheds on the land proposed to be acquired. How far these existing structures with suitable alterations can be utilised at least as cattle shed, threshing floors and implement shed, cart stand etc., should be examined and the provision for these items reduced, if possible. A provision of Rs 14,000 has been made for a seed store, which seems rather excessive. Th

provision for buildings should be reduced to the barest minimum requirements.

IV. Other Equipment - Rs 20,000.

There is a provision for Rs 4,000 for 2 carts, weighing machine etc. There is already a weighing bridge at the station -- Vide 'A' on p.9 CF. of (N). It is not therefore clear why an addl. weighing machine has been provided for. The provision of Rs 1,000 for furniture also should be reduced at least by half the amount. Rs 4,000 has been provided for apparatus including microscope and meteorological instruments. The addl. provision for apparatus and instruments requires explanation. Perhaps this item can be altogether omitted especially in view of the suggestion of this department not to have a Paddy Specialist.

2. Development may be requested to consider the suggestions of this department in the foregoing note in consultation with the D.A. who ~~is~~ may be asked to reduce the provision under all items to the minimum ~~of~~ requirements.

The proposals do not seem to be urgent enough for introduction in the current year and may be brought forward as a Part II scheme for 1950-51. In view of 'K' ~~xxx~~ in para 2 on p.3 CF., Development may be requested to consider whether any grant can be claimed from the Govt. of India in view of the Grow More Food value of the scheme.

11.7.49 11.7.49. 12.7.49 CLB 12.7.49. Thro' Exp-B / EXP-C. DEV Dev 13.7.49 13.7.49

Fin. Dept. 44762 FR 13.7.49

Fin. Dept. 73734

To A.S. Please see the notes of F.D.W Fin. Depts. from 1-7 above. The D.A. may be consulted on the suggestions of in. A draft memo to the D.A. is submitted for approval. 21.7.49

The draft memo which puts to the D.A. the points raised by Fin

ADDITIONAL ASSISTANT SECRETARY TO GOVERNMENT
18 JUL 1949
DEVELOPMENT DEPARTMENT

may issue.

I do not think that the scheme for which the G/I/I should ask for a grant as suggested by him is purely a scheme for the expansion of the existing Paddy research Station Mangalore & not a S.M.F scheme.

I think it should be possible to introduce the scheme in the current year in view of HM (Agris) note as the scheme is on plants, & not as a Part of the 1950-51. This may be decided after the reply is received.

23/7/49 S(ai)

Seen
may
27/7/49

[Issued as memo No 24967 IC/49-5 dt 25-7-49 from the D.A. X 3506/49 dt 29.8.49

To A.S.

Please see the memo. to the D.A. at pp.23-25 c.f. and his reply at pp.31-33 c.f.

Staff.

Para 1 on p.23 c.f. For the reasons stated in paras 1 to 4 on p.31 c.f. it is for orders whether the D.A.'s proposal to employ among others an Asst. Paddy Specialist, store-clerk, typist and two peons for the proposed extended Station will be agreed to in this Dept.

Working expenses.

Para 2 on pp.23-24 c.f. For the reasons stated in para 5 on p.31 c.f. it is for orders, whether the revised provision of Rs.30,000/- p.a. under working expenses as detailed X on p.33 c.f. will be agreed to.

Para 3 on p.24 c.f. Buildings The D.A. has now proposed to make use of tiled buildings, thatched houses, cattle sheds etc. on the lands proposed to be acquired with slight modifications as farm or residential buildings to the extent possible. The expenditure of Rs.40,000/- originally proposed for non-residential buildings has now been reduced to Rs.36,000/-. This may be agreed to. For orders.

Purchase of ~~weighing machine~~ equipment

Para 4 on pp.24 c.f. The need for the purchase of a weighing machine has been explained in para 8 on p.32 c.f. This may be agreed to. For orders.

As suggested by the Govt., the D.A. has reduced the expenditure on furniture from Rs.1000/- to Rs.500/- This may be agreed to.

Originally a sum of Rs.4,000/- was provided for apparatus including microscope and meteorological instruments. In the light of Govt.'s suggestion, the D.A. has deleted the provision of Rs.1,500/- towards the cost of microscope and has now provided Rs.2,500/- under apparatus etc. This may be agreed to.

~~Proposal to treat the scheme as Part II Scheme for 1950-51.~~

Para 5 on pp.24-25 c.f. Financial procedure For the reasons stated at 'M' on p.32 c.f. the D.A. considers that it is necessary to sanction the proposal in the current year itself. Attention is invited to 'P' on p.11 above. The D.A.'s suggestion may be agreed to.

Eligibility of grant from India.

Para 6 on p.25 c.f. For the reasons stated at 'P' on p.32 c.f. the D.A. considers that the scheme will not be eligible for any financial assistance from the Govt. of India. Attention is invited to 'L' on p.11 above. The D.A.'s views may be agreed to.

After orders are passed, the case may be sent to Fin. for remarks.

F+A.no.24962K/49

Finance(C-II).

(Previous Finance note on pp.7-10 above).

The D.A's ~~reply~~ remarks with reference to the suggestions of this department on pp.7-10 above will be found on pp.31-33 CF. The following remarks are called for.

STAFF. For the reasons stated in paras 1-4 of his letter, the D.A. presses for sanction to the staff as originally proposed by him viz., 1 Asst. Paddy Specialist (230--700), 2 Assistants (100--220), 1 Fieldman(45--60), 1 Store Clerk(45--30), 1 Typist(45--30), and 2 peons (11-21). From a perusal of paras 2 and 3 on p.31 CF., it appears that the typist will not have sufficient work and that ~~the~~ he can be expected to assist the existing clerk materially enabling him to undertake the stores work also without a separate Storekeeper for the purpose. This department may kindly agree to the addl. staff proposed ~~with the exception of the Store-keeper.~~

(This will not be practicable after the new scheme is taken up. 2 of this follow p.31 CF. The staff proposed is accepted in this C.U. 28/9)

WORKING EXPENSES. The original provision of Rs 33,000 has been reduced to Rs 30,000. As the D.A. considers that this provision is not high, it may be agreed to.

BUILDINGS. The revised provision under this item viz., Rs 43,000 (while the original amount suggested was Rs 52,000) may be agreed to in the circumstances stated by the D.A.

28.9.49

OTHER EQUIPMENT. A reduction of Rs 4,000 has been effected under this item, the reduced provision being Rs 16,000. Submitted that this may also be agreed to.

28/9

The scheme as revised above is estimated to cost Rs 45,700 p.a. recurring and Rs 1,91,000 non recurring.

8. FINANCIAL PROCEDURE. As the Food Department themselves have pointed out that the present scheme is not a C.I.F. one, (at any rate not a scheme intended to yield quick results) and as the Govt. are at present directing their funds and energies more towards C.I.F. schemes in order to attain self-sufficiency in food in the next two years, it seems that the present scheme may be considered as a Part II scheme for 1950-51. Finance may advise accordingly.

28/9

If Food, however, desire to introduce it in the current year itself, it will have to be treated as a "New Service", in view of the large expenditure involved, and referred to the S.F.C. and the Cabinet. But as the D.A. has stated that the scheme is connected with the G.M.F. campaign orders may be taken in circulation, including H.M.(Fin.) and the Hon'ble Premier. Action should also be taken for obtaining a supplementary grant from the Legislature, at the earliest opportunity, if it is decided in circulation that the scheme may be introduced in the current year itself.

3. In the circumstances stated at 'P' on p.32 C.F., this department may agree that the Govt. of India need not be addressed for any grant towards this scheme.

4. With the above remarks, the case may be returned to Food & Agriculture.

27.9.49 27.9.49 28.9.49 28.9.49

F. & A. 43914 K/49 29 SEP 1949 FOOD AND AGRICULTURE DEPT. 4.10.49.

Thro' Exp-B. 27.9.49 & C 27.9.49

Fin No. 62601 B II/49-1 28.9.49

F & A Dept

To A.S.

SUMMARY

The case relates to the proposal of the D.A. for the expansion of the Paddy Breeding Station in South Kanara district.

2. The Paddy Breeding Station Mangalore has now an extent of 25 acres 10 cents of lands which were acquired for the purpose in 1945. The station is located in the village of Jeppinamogaru, near Mangalore. The objects of the station are:-

(i) Introduction of pure and uniform maturing strains of paddy into the tract.

(ii) Breeding and isolation of suitable high yielding strains with maximum desirable characters.

(iii) Increasing of supply of seeds of the few strains suitable to the tract and thus obviate supply from outside.

(iv) Undertaking agronomic experiments.

A.C. No. 43914 K/49 4.10.49

The D.A. has reported that the present area of the station is not enough to tackle the various cultural and agronomic problems awaiting solution in that tract and for supplying pedigree seeds for the primary seed farms. For the reasons stated in paras 1 to 4 on p.9 cf. the D.A. suggests that an additional area of 53.51 acres as shown at 'M' on p.10 cf. may be acquired for the station. A plan ~~(standing~~ showing the existing area of the farm and the area proposed to be acquired will be found at flag (X). ~~A mention is invited in this connection to the note of H.M.(Agri) as H.M.(F.H.) at p.1 ante).~~ The estimated extra cost on account of the proposal is as follows:-

Recurring:

I	Pay and allowances of staff	Rs.16,900 p.m.
II	Working expenses	" 30,000 p.a.
		46,900

NON RECURRING:

I	Value of lands	Rs.1,16,500
II	Compensation for trees etc	" 10,500
III	Buildings	
	(a) Non residential	" 36,000
	(b) Residential	" 12,000
IV	Other equipment	" 16,000
	Total non recurring	Rs 1,91,000
	Grand total	Rs.2,37,900

The proposals have been examined in this Dept. in consultation with P.W.D. & Fin. Depts.

Recurring:

I. Pay and allowances of staff

(Annexure V on p.21 cf.) Rs.16,900.

The present staff at the station, and the addl. staff proposed to cope with the extra work involved are given ~~described~~ below:-

Designation.	Existing staff.	Addl. staff proposed by the D.A.	Total.
Gazetted Officer	-	1	1
Assistants.	2	2	4
Fieldmen.	3	1	4
Clerk for farm	1	-	1
Storeclerk.	-	1	1
Typist.	-	1	1
Peons.	1	2	3

The need for the additional staff proposed is explained by the D.A. at 'N' on pp.10-11 c.f. and at paras 1 to 4 on p.31 c.f. This Dept. and Fin. have agreed to the additional staff proposed by the D.A.. For orders whether scale of staff suggested will be approved by Govt. and if so, whether the additional staff may be sanctioned for a period of one year in the first instance.

II. Working expenses Rs.30,000.

The details for this item will be found at 'X' on p.33 c.f. The provision suggested by the D.A. has been agreed to in this and Fin. Deptts. For orders whether the expenditure will be sanctioned by Govt.

Non-recurring.

I & II. Value of lands and compensation for structures on ~~the~~ etc. ~~Rs.1,16,500~~ Rs.1,27,000

This includes the cost of acquisition, the value of lands, 15% solatium and compensation for the value of trees and other appurtenances. The actual expenditure will however depend on the land acquisition award passed by the Rev.Deptt. For orders whether the D.A.'s estimate, which has been accepted in this and Fin. Deptts. will be approved by Govt.

III. Buildings.

Non residential Buildings.	Rs.36,000
Residential quarters for one Assist.	Rs.12,000
	48,000

For details of the above provision, please see 'K' on p.33 c.f. The need for the ~~above~~ construction of the above buildings is explained at para 7 on p.10 c.f. and paras 6 and

7 on p.32 c.f. In the circumstances reported by the D.A., this Dept., P.W.D. and Fin. have agreed to the proposal For orders whether this expenditure will be sanctioned.

Item IV Other equipment Rs.16,000.

The provision suggested under this head comprise the following items:

Other Equipment.	Rs
Livestocks - 10 pairs at Rs.500/-	5000
Dead stock including 2 carts & weighing ~~machi~~ machine etc.	3000
Additional Oil engine.	5000
Additional furniture	500
Apparatus including Meteorological instrument.	2500
Total.	16,000

The D.A. states that the above is the minimum requirements consistent with the needs of the additional area The need for the above expenditure has been agreed to in this and Fin. Deptts. For orders whether the D.A.'s estimate will be approved by Govt.

3. The receipts in the scheme by sale or transfer of seeds and other farm produce per annum is estimated at Rs.10,500 per year.

4. Financial procedure.

Attention is invited in this connection to the note of H.M.(Agri) as H.M.(P.H) on p.1 ante. The D.A. has stated that the extension of the station is necessary in the current year itself, in the interest of G.M.F. Campaign and any delay caused in implementing the scheme will naturally postpone the anticipated results. As the scheme is not likely to yield quick results and as the Govt. are at present directing their funds and energies on G.M.F. schemes which will help in attaining self-sufficiency in food in the next two years, Fin. Dept considers that the scheme can as well be brought forward as a Part II scheme for 1950-51. In case it is decided by Govt. to introduce the scheme during the current year, Fin. Dept consider that as the expenditure is one on 'New Service', orders may issue in this case after circulation to H.M.(Agri), H.M.(Fin) and H.Pr. to obviate ~~the~~ delay in referring the matter to S.F.C. and Cabinet. It is for order

whether

(1) the suggestion of Fin. Dept. to bring forward the proposal as a Part II scheme for 1950-51 will be agreed to (1769)

or

(ii) whether the scheme will be introduced in the current year by adopting the procedure indicated at 'A' above.

The scheme has been accepted by the Fin Dept. The only qn was whether the procedure (1) or (2) at A above should be ..... adopted. In view of the urgency indicated in HM Agri's note on plants, the scheme may be introduced in the current year & the short-circuit procedure adopted. As land acqn is involved & it will take some time, not much expdre is likely to be incurred in the current year, but if the scheme is not sanctioned immediately, action to start proceedings will be delayed by six months as when a Part II scheme will be passed only at the end of March or early in April 1950 only.

6-10-49

K

8/10/49

"K" above may be approved

8/10/49 10/10 HM (Agri)

HM (G.WP)

11.10 HM (Fin)

M

Part 2

Bl. 1

11.X

19

HM Afr may see the memo of HM Fin & H Fr.

[illegible] 18/10/49

13/10 HM. Agm

ASSISTANT SECRETARY TO GOVERNMENT
24 OCT 1949
70125
FINANCE DEPARTMENT

To A.S. Orders in circulation at 'A' ante alone. A draft Part II Scheme Note is submitted for approval Fin. may see before issue.

19/X/49

19/10/49

22/10/49 Fin

Finance E2

(Finance last noted on pp 13-14 ante Order in circulation on pp 18-19 ante and the draft Part II scheme note may be perused. The draft note may be accepted in Finance subject to the figures against each item being expressed in the nearest multiples of Rs.1

F & A. no. 24967 K/49-8 22.10.49

Thro' BE II. 25x as 25/10/49. 27.10.49

Since Finance agreed that the proposal might be considered as a Part II Scheme for 1950-51, the position has materially altered. The following may be added to the draft below, as the Note of the Finance Deptt:-

"In view of the economy needed to cope with the anticipated difficult ways & means position during the last year, the Finance Deptt advises that this scheme, which is not a short-range flow More Food measure, may be deferred".

Finance 70125 E II/49.1 27.10.49

A 25/10/49

RJ 27.10.49

SECRETARY TO GOVT. PUNJAB 28 OCT 1949 FOOD DEPTT.

25/10/49 Food Afr

~~7 of A~~

With ref to A on p 19 ante
the draft Part II note ~~[illegible]~~
below has been added to
on p. 5. HM Agri may see
fms views at A on p 19 ante.
This Deptt need not agree that
the scheme is a long term one | A
& therefore not very urgent
We can give priority to the scheme
list of schemes arranged ~~[illegible]~~ according to
urgency to be sent to Govt
in due course. The scheme
can also be passed at the | B
meeting of the Cabinet which
will decide these Part II schemes

Z
31 Oct

A & B above may be approved
mas
31/10

HM (Agri)

P.T.O.

Special. Secy., Food and Agriculture.

50713

When the Hon'ble Premier and I visited the Paddy Breeding Station at Kankanady, Mangalore, the Paddy Specialist was asked to send a revised scheme for the proposed extension of the station, cutting down expenditure as far as possible. The D.A. may be asked to get it and forward to Government as early as possible.

31/10/49
H.M. (Agri.)

To A.S. with reference to the minutes of H.M(Agri), a draft memo to the D.A. is submitted for approval. After issue, the case may be circulated to H.M(Agri) with reference to 'A' & 'B' on p. 20 above.

3.11.49

3.11.49

3/11/49

3/11/49 HM (Agri) ar

FOOD AND AGRIL.(K) DEPT.

Issued as Memo.No.24967 K/49 dated 3.11.1949.

From the D.A.Lr.No.X3506/49 dated 3.11.49.
From the Paddy Specialist Lr.No. nil dated 1.11.49 to the P.A. to the D.A.
From the D.A.X3.506/49 dated 5.11.49.

--

To A.S.

In June 1949 the D.A. submitted proposals for the expansion of the Paddy Breeding Station Mangalore by 53.51 acres and for the employment of necessary additional staff to cope with the increase of work at the station. The draft Part II Scheme note below explains the proposal.

2. H.Pr. and H.M.(Agri) visited the Station last ~~month~~ month and as desired by them the D.A. has now submitted revised proposals for the expansion of the area of the

Paddy Breeding Station, Mangalore by 24.14 acres - Please see D.A's letter at p.37 c.f. These proposals therefore supersede the proposals submitted by the D.A. in June 46 referred to in para 1 above.

3. The estimated extra cost on account of the D.A's revised proposal is as follows:

Recurring.

I. Pay and allowances of staff.	Rs.11,850
II. Working expenses.	Rs.12,000
	23,850

Non-Recurring.

(a) Cost of land	Rs.45,238
(b) Compensation for structers trees etc.	Rs. 5,000
(c) Buildings.	Rs.13,000
(d) Other equipments.	Rs. 3,150
	Rs.66,388 or Rs.66,000

Grand Total. Rs. 89,850/-

Recurring ~~and~~ Pay and allowances of staff Rs.11,850.

The D.A. has now ~~proposed in his original proposals~~ reduced the additional staff proposed in his original original proposal by one Assistant, one Fieldman one typist and one peon.

The present staff at the Station and the additional staff now proposed to cope with the extra work involved is given below:

Designation. (1)	Existing staff. (2)	Addl. staff proposed by the D.A. (3)	Total. (4)
Gazetted Officer (Asst.Paddy Specialist)	-	1	1
Assistants	2	1	3
Fieldmen	3	-	3
Clerk	1	~~1~~	1
Storeclerk	-	1	1
Typist Peons	1	1	2

For orders whether the revised scale of staff now proposed will be agreed to:

/3

P.T.O.

II. Working expenses. The details for this item will be found at 'T' on P.42 c.f. The original provision suggested by the D.A. under this item was Rs.[illegible],000. For orders the revised expenditure of Rs.12,000 now proposed will be agreed to.

Non-recurring

(a) & (b) Value of lands and compensation for structures tree etc. on the Rs.50,238. This includes the cost of acquisition of 24.14 acres, 15% solatium & compensation for the value of trees and other appurtenances The actual expenditure will however depend on the land acquisition award ~~would~~ pass by the Rev. Dept. For orders whether the D.A.'s revised estimate will be accepted.

(c) Buildings Rs 13,000. For details please see 'M' on p.41 c.f. The items of building construction proposed relate only ~~the~~ to non residential works and these seem essential for successful with ~~crop~~ in the new area. The D.A's estimates may be accepted.

(d) Other equipment. Rs.3,150. The details are furnished at 'N' on p.41 c.f. May be accepted.

4. The receipts in the scheme by sale or transfer of seeds and other farm produce per annum is estimated at Rs.4,500 per year.

5. It has been decided in circulation that the D.A's original proposal should go forward as a Part II Scheme for 1950-51. It has also been added in circulation to give this scheme priority among the other the Part II schemes of the Agrl. Dept. for 1950-51. Attention is invited in this connection to para 2 on p.37 c.f. The D.A. requests that necessary orders may be issued for acquiring the lands before March 1950 so that the lands will be readily for cultivation in the first crop season. If the proposal is treated as a Part II Scheme for 1950-51, orders could be issued in the proposal only in April 50, after the Budget is authorised by the Legislature. In the circumstances, it is for consideration whether the

E II / DE II

proposal may be sanctioned in the current year by obtaining orders to that effect in circulation including those of H.M.(Fin) and H.Pr. as indicateed in the Fin. note at 'K' on p.14 above.

Fin. may see.

15.11.45

15.11.45

15/11/45

15/11/45

Fin

Fin

F & A. no. 24967/C/45-1

Finance(E-II).

ASSISTANT SECRETARY TO GOVERNMENT
16 NOV 1945
FINANCE DEPARTMENT
77307

(Previous Finance note on p.19 above)

The minutes of H.M(Agri.) on p.21 above and Development's ~~modified~~ note at pp.21-24 above putting forward modified proposals for the expansion of the Paddy Breeding Station at Mangalore may be perused.

The estimates for the recurring and non-recurring expenditure involved in the present modified proposals ~~are~~ compare with those relating to the original proposals already accepted by this department as shown below:-

Pensal

	Original proposal accepted in Finance. Rs (Per annum)	Modified proposals. Rs (Per annum)
RECURRING--		
I. Establishment	16,900	11,850
II. Working Expenses	30,000	12,000
	46,900	23,850
NON-RECURRING--		
(a) Cost of land	1,16,500	45,238
(b) Compensation for structures	10,500	5,000
(c) Buildings	48,000	13,000
(d) Other equipment	16,000	3,150
	1,91,000	66,388 or 66,000 roundly.
Receipts anticipated	Rent 10,500	Temporary 4,500 (p.a.)

In view of the circumstances explained in para 5 of their note at pp.23-24 above, Food & Agriculture ~~dept~~ propose

to ~~xxxxx~~ sanction the scheme during the current year itself.

2./ For the reason that the present scheme is not a G.M.F. one, at any rate, not a scheme intended to yield quick results, and as the Govt. are at present directing their funds and energies more towards G.M.F. schemes in order to attain self-sufficiency in food production in the next two years, this department has advised that the present scheme may be considered as a Part II scheme for 1950-51. Orders in circulation were also obtained to this effect. In the Part II note sent to this department, this department again suggested that the ~~xxx~~ following should be added in Part II note:-

> "In view of the economy needed to cope with the anticipated difficult ways and means position during next year, the Finance Department advises that this scheme which is not a short range GM.F. measure may be deferred."

It is submitted that the point for consideration is whether the scheme is one which satisfies the criteria laid down in this department's Memo No.57293 A/PW dated 12-10-49. The scheme relates to a Research Station and whatever benefit is likely to accrue by the proposed expansion it is sure to take some years. It has, therefore, no immediate food value. While it may be conceded that expansion of the existing Research Station is highly desirable, the paramount consideration now should be one of finance. The scheme is not also eligible for a grant from the Govt. of India. It is not likely to impair the efficiency of the Agricultural Department if the scheme is deferred for a few years. In the circumstances stated above, and especially in view of the strict instructions issued in the Finance Memo referred to above, this department may strongly advise against the introduction of the scheme in the current year. If Food & Agriculture do not agree, they may be requested to take orders in circulation, including H.M(Fin on this point.

3./ Financial Procedure. Attention of Food & Agriculture may be invited to the instructions issued in Finance U.O. Note No. 75808 /49-BG-1 dated 12-11-49 according to which the short circuit procedure cannot be followed

if this department's view is not accepted. Therefore, if it is eventually decided to sanction the scheme in the current year, it should be referred to the S.F.C. and the Cabinet and a supplementary grant obtained from the Legislature.

17.11.49.

FOOD & AGRI.(K) DEPT.

To A.S.

Summary

In June 1949, the D.A. submitted proposals for the expansion of the Paddy Breeding Station, Mangalore by 53.51 acres and for the employment of necessary additional staff to cope with the increase of work at the Station. The draft II scheme note below explains the proposal. It was decided in circulation to give this scheme priority among the other Part II Schemes of the Agrl. Dept. for 1950-51.

2. H.M.(Agri) and H.Pr. visited the station last month and as desired by them, the D.A. has now submitted revised proposals for the extension of the area of the Paddy Breeding Station, Mangalore by 24.14 acres - Please see D.A's letter at p.37 c.f. The proposals therefore supersedes the proposals submitted by the D.A. in June 1946 referred to in para 1 above. The estimated extra cost on account of the D.A's modified proposals is Rs.23,850 p.a. recurring Rs.66,388 non-recurring, the probable receipts p.a. being Rs.4,500. The D.A's revised estimate has been examined at paras 3 & 4 on pp.22-23 above. This Dept. and Fin. accepted the revised estimate of the cost of the scheme.

3. Financial procedure for sanctioning the proposal.

The D.A. requests that necessary orders may be issued for acquiring the lands before March 1950 so that the lands will be ready for cultivation in the first crop season. If the proposal is treated as a Part II Scheme for 1950-51, orders could be issued on the proposal only in April '50,

after the Budget is authorised by the Legislature. This Department ~~xxx~~ therefore suggested that the proposal may b sanctioned in the current year by adopting the short circu procedure viz, after obtaining orders to that effect in circulation including those of H.M.(Fin) and H.Pr. For t reasons stated in para 2 of their notes at p.25 above, Fin Dept. are against the proposal to introduce the scheme in the current year. They have stated that, if it is ~~eventua~~ eventual decided to sanction the scheme ~~on the scheme~~ in the curren year, the matter should be referred to the S.F.C. and Cabi and the procedure indicated at 'M' above ~~can now~~ cannot be adopt in the present case in view of the Fin. U.O. Note No.75808/49 BG. dated 12.11.49. The case may be circulated. For orde

(i) whether the proposal will be sanctioned in the current year by adopting the procedure indicated at 'A' above, or

(ii) whether the proposal may go forward as a Part II Scheme for 1950-51 or

(iii) whether the instruction issued in Fin.U.O.Note No.75808/49-BG-1 dated 12.11.49 will be relaxed in this particular case as a 'special case' and orders sanctioning the scheme may issue after circulation to H.M.(Fin) and H.Pr.

(iii) may be done.

19/11/49

In view of the U.O. note at (D), (i) above may be adopted

19/11/49

HM (Agri)

HM (Fin)

H.Pr. visited this paddy breeding station on 26-10-49. The need for extending and improving this station is urgent. As desired by H.Pr. the original estimate has been cut down drastically. This scheme will help the Grow More Food campaign and deserves first priority. The revised estimate may be sanctioned for introduction in the current year.

21/11/49

SECRETARY TO GOVERNMENT
21 NOV 1949
FOOD AND AGRICULTURE DEPARTMENT

F. 1—

To A.S. Orders in circulation on p. 27 above. A draft note for S.F.C. is submitted for approval. Fin. may issue.

28/11/49

2. 11. 49

28/11/49

30.

Fin

Fin (Ey)

F & A no. 24962/49/II

2. 12. 49.

ASSISTANT SECRETARY TO GOVERNMENT
81884
3 ... 1949
FINANCE ...

EII

(Previous Fin note at pp 24-26 above)

Thro. B. Ey

Orders in circulation on p 27 above may be issued.

The draft note for the S.F.C below may be accepted subject to the amendments indicated in pencil

3.12.49 3/12/49

3/12/49

THIRD ASSISTANT SECRETARY TO GOVERNMENT
6 DEC 1949
FOOD AND AGRICULTURE DEPARTMENT

5/12/49

F & A Dept.

Fin no 81884 EII-1

5. 12. 49

TO AS

The draft SFC note below may issue as amended in pencil

C. 59746A-1

6.12.49

5. 12. 49

5.12.49

To A.S. The note for the S.F.C. has been sent to all M.Mo. The case

may be sent to Fin. ~~for reference~~ for reference at the meeting.

7.12.49

8.12.49 EF/IV

F+A. no. 24567/1/49-12

9.12.49

ASSISTANT SECRETARY TO GOVERNMENT
8385 EF
10 DEC 1949
FINANCE DEPARTMENT

STANDING FINANCE COMMITTEE.

The Committee approved the proposal.

Fin. no. 8.3852 EF

20/12/49

20/12/49

F+A.

THIRD ASSISTANT SECRETARY TO GOVERNMENT
22 DEC 1949
4062
FOOD AND AGRICULTURE DEPARTMENT

To see A.S. A note for Cabinet meeting F+A Dept. ~~S.F.C.~~ is submitted for approval. C.S. may see before circulation to H.M(Agri).

27.12.49.

27/12/49

27/12/49

Through Sec. Cos. ETO kindly make a note of this subject and include this in the agenda for the next meeting of the Cabinet to be held on A.1.5

SECRETARY TO GOVERNMENT
28 DEC 1949
FOOD AND AGRICULTURE DEPARTMENT

APPROVED
27/12 H.M (Agri.)

to Secretary. Copies of the note for the Cabinet have been sent to all H.Ms, H.Rs + the Secretary to H.E. the Governor. The case may now be sent to Fin (SFC) for reference at the meeting

F+A. no. 24967/K

28/12/49

28/12/49

28/12/49

28/12/49 / Secretary (SFC)

JOAS

The Cabinet has approved the scheme at its meeting held on 1.1.50. A on p 69 cf The draft order below is for approval. Fin may see before issue

6/1/50

7.1.50

7/1/50

Fin

[Finance last noted on p. 28 ante] Finance (EII)

The orders of the S.F.C. on p. 29 ante and those of the Cabinet at page 69 cf may be perused.

2/ The draft order below may be accepted. Subject to the modification indicated in pencil at the end of the annexure to the draft order.

9/1/50

9/1/50

F & A Dept.

T.O(I)3 A above may be agreed to. The draft order below may issue

9/1/50

10.1.50

[illegible] as proposed by F & A dy 10.1.50

A

F & A No. Nil

No. 24567 K/49-16

7.1.50

ADDITIONAL DEPUTY SECRETARY
1871 EII
9 JAN 1950
FINANCE DEPARTMENT

Through J. 9.1.50.

Fin U.O 1871 EII

9-1-50

THIRD ASSISTANT SECRETARY TO GOVERNMENT
2107 B
9 JAN 1950
FOOD AND AGRICULTURE DEPARTMENT

ING STATION MANGALORE

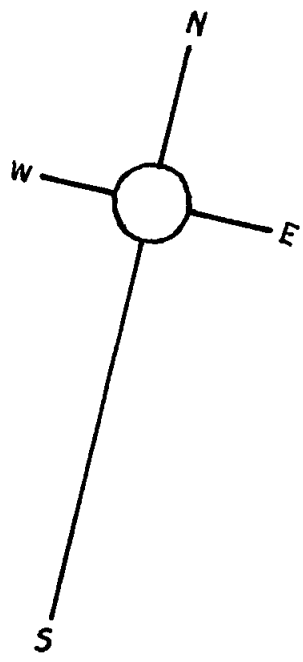
UIRED FOR ITS EXTENSION.

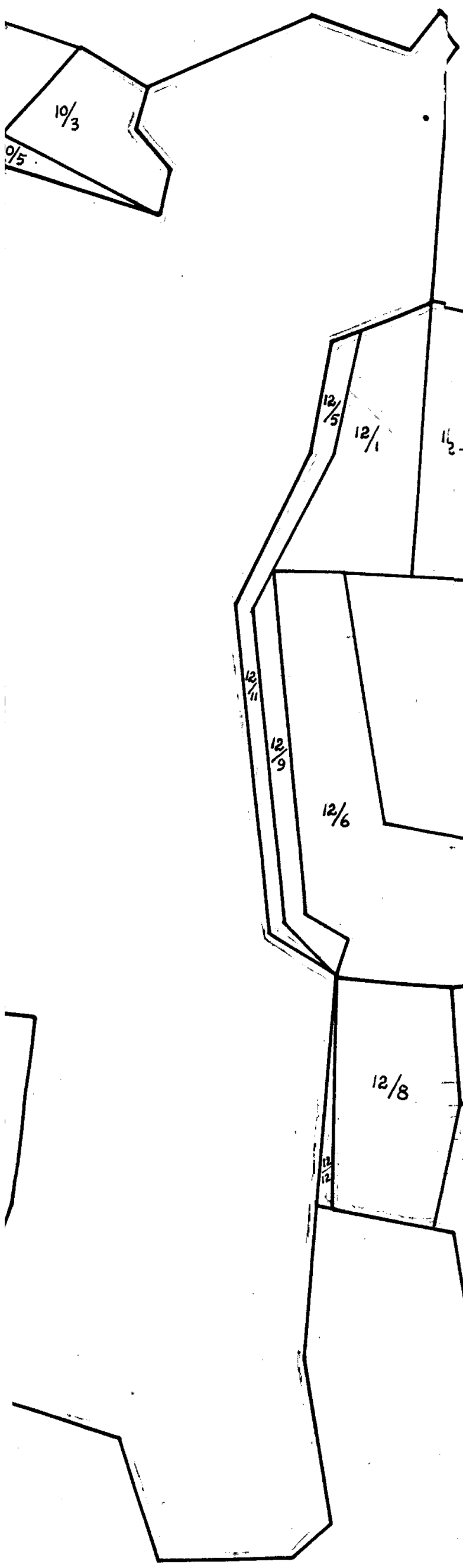
JTH KANARA.

NGALORE.

B5 B JAPPINAMOGAR.

NCH = ONE CHAIN.

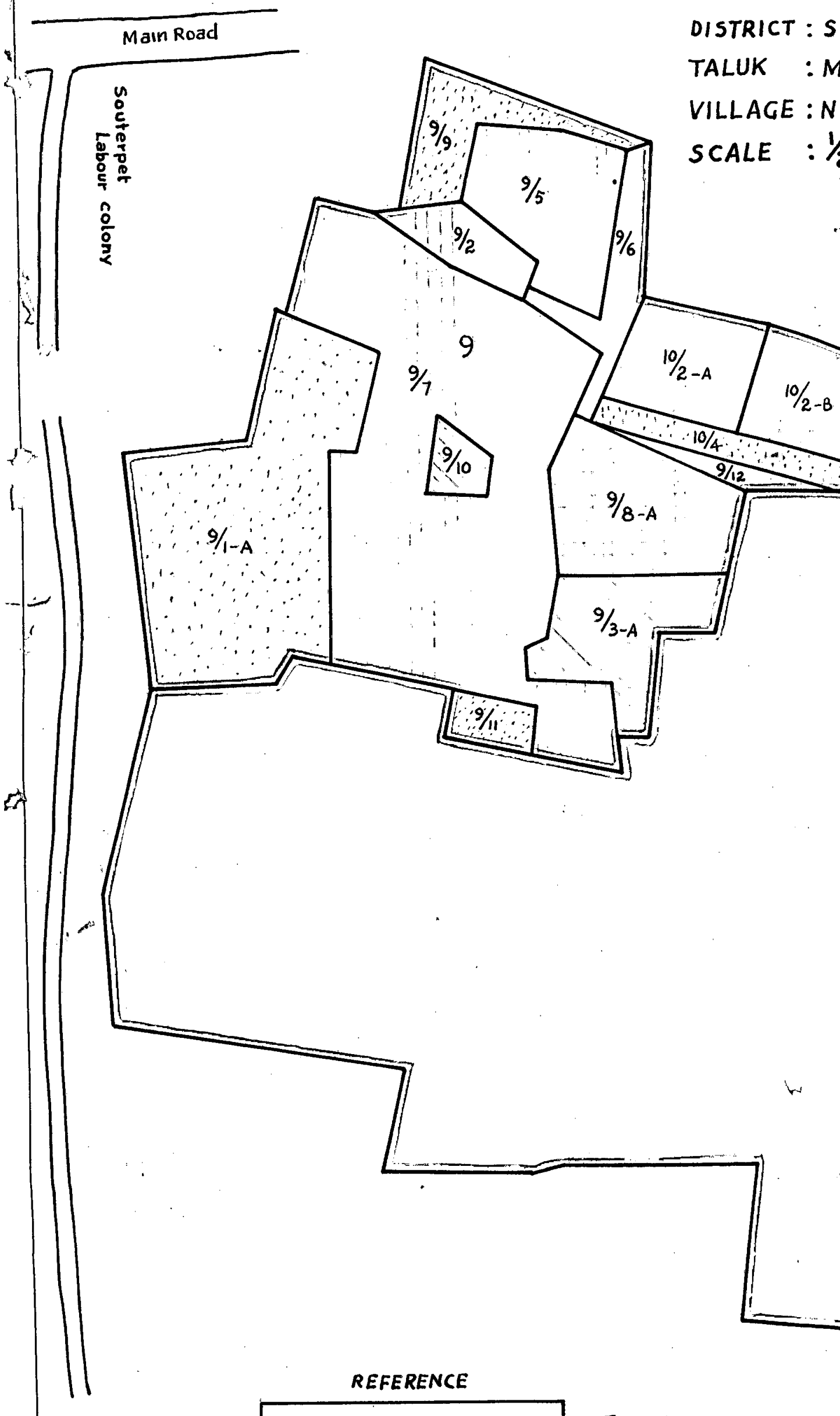




PLAN OF THE EXISTING AREA OF THE PADDY BREEI

AND OF THE AREA PROPOSED TO BE ACC

DISTRICT : SC
TALUK : MA
VILLAGE : N.S
SCALE : ½



REFERENCE

	EXISTING AREA.	25.25 acres.
	PROPOSED AREA.	24.14 "
	WET 1. =	1.81
	WET 11.	2.77
	WET 111.	9.85
	GARDEN.	1.86
	DRY. =	7.85
		24.14

Superseded draft

FOOD AND AGRI (K) DEPT.

PART II SCHEME 1950-1951.

Sub: AGRICULTURE _Paddy Breeding Station, Mangalore - Extension of.

SUMMARY OF COST.

Major, minor and sub head of appropriation.	Details.	Ultimate cost. Recurring	Ultimate cost. Non-Recurring.	Cost in 1950-1951 (11 months) Recurring.	Cost in 1950-1951 (11 months) Non-Recurring.
		Rs.	Rs.	Rs.	Rs.
40. Agri-S. Exprl. farms & Research Stations.					
1. Pay and allowances of Establishments.	Pay of officers.				
	1 Asst. Paddy Specialist.	5,391.6		2,530	
	Pay of Establishment.				
	2 Assistants 1 Fieldman 1 Store clerk 1 Typist 2 Peons.	6,770.4		4,051	
	Allowances - Officers.				
	Travelling Allowances and other allowances.	500		450	
	Dearness allowance	840		473	
	Allowances-Establishment.				
	T.A. and other compensatory.	1,220		1,110	
	D.A.	2,184		1,650	
2. Office contingencies	D.A. to menials.	3,000		2,750	
	Other contingencies.	27,000		24,750	
3. Other charges.	Cost of acquisition of lands.		1,27,000		1,27,000
	Buildings		48,000		48,000
	Purchase of Live and Deadstock.		16,000		16,000
		46,904	1,91,000	37,764	1,91,000
		2,37,906 or 2,37,900 (roughly)		2,28,764 or 2,28,800 (roughly)	

Probable receipts.

"XXXIX. Agri.- Rs. 10,500 p.a.,

EXPLANATORY NOTE.

The Paddy Breeding Station, Mangalore has now an extent of 25 acres, 25 cents of lands which were acquired for the purpose in 1945. The station is located in the village of Heppinamogaru, near Mangalore. The objects of the station are:-

(i) Introduction of pure and uniform maturing strains of paddy into the tract.

(ii) Breeding and isolation of suitable high yielding strains with maximum desirable characters.

(iii) Increasing supply of seeds of the few strains suitable to the tract and thus obviate supply from outside.

(iv) Undertaking agronomic experiments.

2. The D.A. has reported that the present area of the station is not enough to tackle the various cultural and agronomic problems awaiting solution in that tract and for supplying pedigree seeds for the primary seed farms. For work on "BETTU" or the single crop land which forms about 50% of the total rice area of the S. Kanara district, only 3.58 acres are available in the existing station. There is no dry area to tackle the problems of "KUMERI" cultivation work for about 20,000 acres of "PETLA" lands which get submerged during the first crop season. The D.A. states that breeding work has also to be enlarged so as to include the following items;-

(a) Evolution of a Mascathy type of Bettu areas:
(b) Production of a non-lodging Kayama type.
(c) Evolution of a Co.3 type of strain which

does not deteriorate by germination during storage (Co. 3 is a popular strain during the second crop season).

(d) Evolution of suitable high yielding Kumeri types of paddy, and

(e) Selection work in popular varieties for which work has yet to be started.

The cultivation practice of the tract has certain peculiarities which require to be investigated, e.g., the system of broadcasting the second crop areas, the efficiency of early and late nurseries for the first crop, broadcasting in the "Bettu" area if season is late, etc., Work on the manurial aspects of the tract with its heavy rainfall resulting in denudation in different types of paddy cultivation has to be taken up. Work on other important crops of the district, such as sweet potato, sugarcane, plantains and pulses which are rotated with paddy has also to be taken up.

For the above reasons, the D.A. considers it necessary to enlarge the paddy Breeding Station, Mangalore by about 53.51 acres as detailed below: (Necessary area is said to be available adjoining the existing station).

Wet I	...	15.38 acres	(Double crop area)
Wet II	...	5.10 "	(-do-)
Wet III	...	14.05 "	(Single crop area).
Garden	...	4,53 "	(Bagayats or house compounds).
Dry	...	14.45 "	(Kumeri).
Total	...	53.51 "	

3. The following additional staff is proposed to cope with the increase of work consequent on the extension of the Station:-

(i) Assistant Paddy Specialist.

(ii) 2 Assistants.

(iii) 1 Fieldman.

(iv) 1 Store clerk.

(v) 1 Typist.

(vi) 2 Peons.

A sum of Rs. 30,000 has to be incurred per year under 'working expenses' in maintaining the additional area. This sum includes provision for repairs and up keep, maintenance of cattle, cooly labour, cultivation expenses and other miscellaneous charges. The cost of acquiring the lands in question is estimated at Rs. ~~1,27,000~~ 50,258. The details of building construction proposed is as follows:--

Fending (only for portions liable for trespass)	...	5000
Seed store	...	14000
Cattle shed	....	2000
Threshing floors (2 big and 2 small)	...	4000
Field laboratory	...	8000
Implement shed and cart stand	...	3000
~~Total Rs.~~	...	~~36000~~ 12000
		48000

The above items of building constructions are stated to be the absolute minimum requirements for the extended farm. The D.A. states that a sum of Rs, ~~18,000~~ 31-5-0 will also be required towards equipping the station with the required additional furniture, oil engines, apparatus and Meterological instruments, carts, weighing machine, livestocks etc.,

4. Early in March, 1949 H.M. (Agri) as H.M. (P.H.) emphasised as follows on the need for the extension of the Paddy Breeding Station, Mangalore:-

"As there is an ever increasing demand for pure seed of improved strains in this district (S. Kanara), it is felt that the area of the present sub-station at Mangalore viz., 25 acres, is too small and that it should be immediately expanded by at least another 40 or 50 acres for which there is ample scope round about the

present area of this station."

The need for the expanding the station on the lines ~~mentioned above~~ suggested by the DA has been agreed to and it has been decided to bring forward the proposal as a Part II Scheme for 1950-1951. This Dept., accordingly recommends that necessary provision be made in the budget estimate for 1950-1951 as indicated in the statement above.

19x4.
19/10/49

Note by the Fin Dept

Here ends A on p19 n

D.M. Nayak
28/10/49